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USAFETAC/DS-89/224

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# **SURFACE OBSERVATION CLIMATIC SUMMARIES FOR MCENTIRE ANGB SC**

Prepared by

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28801-2723

OCTOBER 1989

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1990

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## REPORT DOCUMENTATION PAGE

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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD. (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA; ATMOSPHERIC PHENOMENA; WEATHER; SOCS, MCENTIRE ANGB, SC, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN DL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 79 - DEC 88 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 59 - DEC 74 (FULL TIME).

SUMMARY OF DAY DATA: JAN 75 - DEC 88 (PART TIME).

HOURS SUMMARIZED: 00-23 LST (FEB 59-DEC 74), 06-23 LST (JAN 75-DEC 88)

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO.	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
723105	MCENTIRE AGB/EASTOVER, SC	N 33 55	W 080 48	251	KMT	

# STATION LOCATION AND INSTRUMENTATION HISTORY

Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	FLD (FT)	IBARO (FT)	PER DAY
			From	To					
1	Congaree AGB/Eastover, SC	AGB	Mar 59	Sep 61	N 33 55	W 080 48	251	None	16
2	Same	Same	Oct 61	Oct 61	Same	Same	Same	243	17
3	McEntire AGB/Eastover, SC	Same	Nov 61	Nov 61	Same	Same	Same	Same	17
	Stn deact 24 Nov 61 to 5 Sep 62								
4	McEntire AGB/Eastover, SC	AGB	Sep 62	Feb 64	N 33 55	W 080 48	251	261	24
5	Same	Same	Mar 64	Feb 69	Same	Same	Same	296	24
6	Same	Same	Mar 69	Dec 74	Same	Same	Same	289	24
7	Same	Same	Jan 75	Feb 77	Same	Same	Same	249	17
8	Same	Same	Feb 77	Dec 83	Same	Same	Same	241	17
9	Same	Same	Jan 84	Jan 89	Same	Same	Same	247	16

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
1	Mar 59	Atop hangar	Selsyn	None	100 ft	
2	Feb 61	175' from Base Ops	AN/GMQ-1A	ML-204A	10 ft	
3	Sep 62	Atop Base Ops	TMQ-2	ML-204B	32 ft	
4	Mar 64	400' N of twr, 125' from taxiway	AN/GMQ-1	Same	11 ft	
5	Feb 67	1100' from end rwy 31, 700' SW ctrln	AN/GMQ-11	RD-362	Same	RD-362 relocated to Ops
6	Mar 69	775' SW ctrln, 975' from end rwy 31	AN/GMQ-20	RD-362	Same	Bldg #249 Feb 77.
7	Feb 77	1000' SW ctrln, 2000' end rwy 32	Same	Same	5 ft	
8	Jan 89	Same	Same	Same	Same	

pppppppp	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
pp pp	AA AA	RR RR	TT	AA AA
pp pp	AA AA	RR RR	TT	AA AA
pppppppp	AA AA	RRRRRRRR	TT	AA AA
pppppppp	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
pp	AAAAAAAAA	RR RR	TT	AAAAAAAAA
pp	AA AA	RR RR	TT	AA AA
pp	AA AA	RR RR	TT	AA AA
pp	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.3	10.6	.8	.5		11.9	29.1	4.1			45.1	395
09-11		11.0	.5	.3		11.8	21.6	5.1			38.5	855
12-14		10.8		.1		10.9	14.5	4.4			29.8	861
15-17		9.3		.1		9.4	12.0	6.0			27.4	778
18-20		9.5		1.3		10.8	11.0	4.7			26.5	619
21-23		10.2		1.2		11.4	14.3	2.1			27.7	581
ALL HOURS	.0	10.2	.2	.5		11.0	16.4	4.5			31.9	4099

MONTH: FEB

00-02												0
03-05												0
06-08		11.7	.3	1.4		13.3	30.2	6.0			49.5	368
09-11	.4	11.4	.2	1.1		12.8	20.9	5.8			39.6	804
12-14	.3	11.3		1.4		12.6	12.8	2.6			28.0	800
15-17	.3	10.9		1.1		12.0	10.8	1.9			24.8	731
18-20	.2	13.1	.3	.3		13.8	13.8	.7			28.2	588
21-23	.5	12.6	.5			13.2	17.2	1.1			31.4	547
ALL HOURS	.3	11.8	.2	.9		12.9	16.5	3.0			32.4	3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.2	10.5		.5		11.0	25.8	8.4			45.1	419
09-11	.5	10.2	.1	.7		11.0	12.3	9.3			32.6	918
12-14	.5	6.2		.9		7.1	5.2	4.7			17.0	918
15-17	.6	6.4		.6		7.0	3.7	3.8			14.5	832
18-20	.8	8.8		.5		9.3	7.5	2.7			19.5	657
21-23	.3	8.2		.2		8.3	8.7	1.4			18.4	624
ALL HOURS	.5	8.2	.0	.6		8.8	9.2	5.1			23.1	4368

MONTH: APR

00-02												0
03-05												0
06-08	1.2	5.8				5.8	19.4	5.8			31.0	500
09-11	.3	5.9				5.9	7.8	4.4			18.1	900
12-14	.4	6.4				6.4	3.2	2.2			11.9	900
15-17	2.4	7.1				7.1	2.6	1.8		.1	11.6	793
18-20	2.0	6.3				6.3	5.1	1.4			12.8	649
21-23	.4	4.4				4.4	6.6	1.1			12.1	547
ALL HOURS	1.1	6.1				6.1	6.7	2.8		.0	15.5	4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.1	3.7				3.7	30.6	15.0			49.4	699
09-11	.3	3.5				3.5	6.7	13.1			23.3	885
12-14	2.4	3.9				3.9	1.8	7.7			13.4	882
15-17	5.3	6.9				6.9	3.0	6.4			16.3	722
18-20	6.1	7.9				7.9	6.0	4.7			18.6	636
21-23	4.9	7.3				7.3	5.2	3.9			16.4	384
ALL HOURS	2.9	5.2				5.2	8.8	9.0			23.0	4208

MONTH: JUN

00-02												0
03-05												0
06-08	.1	3.1				3.1	30.5	31.2			64.8	711
09-11	.1	2.2				2.2	5.1	27.7			35.0	900
12-14	3.3	4.6				4.6	1.8	21.9			28.2	900
15-17	7.5	8.1				8.1	2.2	22.4			32.6	729
18-20	8.7	8.7				8.7	5.1	20.9			34.8	641
21-23	5.9	7.7				7.7	6.9	18.4			33.0	391
ALL HOURS	3.9	5.3				5.3	8.3	24.3			37.9	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.6	3.2				3.2	38.0	37.2			78.4	694
09-11	.2	2.7				2.7	5.2	37.3			45.2	873
12-14	5.6	4.0				4.0	.8	34.1			39.0	870
15-17	11.9	6.3				6.3	1.7	32.8			40.7	717
18-20	11.3	7.9				7.9	4.2	30.8			42.9	636
21-23	6.0	7.3				7.3	5.7	27.5			40.5	385
ALL HOURS	5.6	4.9				4.9	9.0	34.0			47.9	4175

MONTH: AUG

00-02												0
03-05												0
06-08	.8	2.7				2.7	49.2	33.7			85.6	731
09-11	.4	1.6				1.6	6.6	39.8			48.1	921
12-14	4.1	3.5				3.5	.9	33.2			37.6	921
15-17	9.1	5.7				5.7	1.6	34.5			41.9	750
18-20	6.8	8.2				8.2	4.9	32.5			45.6	658
21-23	5.8	6.8				6.8	9.4	26.3			42.5	395
ALL HOURS	4.2	4.4				4.4	11.7	34.2			50.2	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBS TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		8.2				8.2	50.9	12.8			71.9	686
09-11		6.4				6.4	13.7	18.1			38.2	855
12-14	.8	6.7				6.7	4.2	13.6			24.4	855
15-17	2.0	8.0				8.0	3.8	13.8			25.7	709
18-20	1.9	6.2				6.2	6.7	14.7			27.7	625
21-23	1.0	5.5				5.5	10.4	14.8			30.7	384
ALL HOURS	.9	6.9				6.9	14.9	14.7			36.5	4114

MONTH: OCT

00-02												0
03-05												0
06-08	.3	6.6				6.6	37.6	6.3			50.6	635
09-11		7.5				7.5	14.9	9.8			32.2	879
12-14	.2	7.3				7.3	5.5	4.3			17.1	879
15-17	.3	6.6				6.6	5.0	3.5			15.2	738
18-20	1.7	6.3				6.3	7.4	3.2			16.9	650
21-23	.6	6.6				6.6	10.3	3.1			19.9	487
ALL HOURS	.5	6.9				6.9	13.0	5.3			25.1	4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		8.5				8.5	33.3	4.2			46.0	354
09-11	.2	8.8				8.8	17.8	8.1			34.7	818
12-14		7.4				7.4	8.1	5.1			20.6	819
15-17		7.1				7.1	7.5	4.6			19.2	744
18-20	.7	7.0				7.0	11.3	3.6			22.0	583
21-23	.4	6.2				6.2	13.4	2.8			22.4	536
ALL HOURS	.2	7.5				7.5	13.6	5.0			26.1	3854

MONTH: DEC

00-02												0
03-05												0
06-08		10.5		.3		10.8	27.1	2.3			40.2	343
09-11	.3	9.6				9.6	17.7	5.6			32.9	780
12-14		8.8				8.8	8.8	2.6			20.1	777
15-17		8.5				8.5	8.2	1.1			17.8	788
18-20		7.0				7.0	7.4	.7			15.1	571
21-23		7.6				7.6	10.1				17.7	524
ALL HOURS	.1	8.6		.0		8.6	12.2	2.3			23.1	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	10.2	.2	.5		11.0	16.4	4.5			31.9	4099
FEB	.3	11.8	.2	.9		12.9	16.5	3.0			32.4	3838
MAR	.5	8.2	.0	.6		8.8	9.2	5.1			23.1	4368
APR	1.1	6.1				6.1	6.7	2.8		.0	15.5	4289
MAY	2.9	5.2				5.2	8.8	9.0			23.0	4208
JUN	3.9	5.3				5.3	8.3	24.3			37.9	4272
JUL	5.6	4.9				4.9	9.0	34.0			47.9	4175
AUG	4.2	4.4				4.4	11.7	34.2			50.2	4376
SEP	.9	6.9				6.9	14.9	14.7			36.5	4114
OCT	.5	6.9				6.9	13.0	5.3			25.1	4268
NOV	.2	7.5				7.5	13.6	5.0			26.1	3854
DEC	.1	8.6		.0		8.6	12.2	2.3			23.1	3703
ANNUAL	1.7	7.1	.0	.2		7.3	11.6	12.3		.0	31.2	49564

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6210-8812

LST TO UTC: +05

MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.9	37.5	3.1	5.1	.1	39.4	39.8	20.3			52.9	784
FEB	3.1	35.9	.8	4.2		37.7	38.8	20.8			51.9	721
MAR	7.1	35.7	.1	.9	.4	35.8	37.6	22.1			51.2	881
APR	10.0	30.0			.1	30.0	30.7	20.4			46.5	749
MAY	19.8	36.9			.7	36.9	47.9	37.2			63.0	729
JUN	27.2	38.7			.5	38.7	52.1	51.7			72.4	750
JUL	37.1	44.6			.3	44.6	57.3	56.5			82.3	763
AUG	29.3	38.5			.1	38.5	68.6	67.2			85.4	883
SEP	12.3	31.2				31.2	63.1	53.0			75.3	757
OCT	3.8	23.9				23.9	42.8	31.6			53.6	809
NOV	2.6	30.3	.1	.3	.3	30.3	39.8	27.1			51.3	776
DEC	1.4	35.6	.5	1.4		35.6	39.3	21.0			52.5	777
ANNUAL	12.9	34.9	.4	1.0	.2	35.2	46.5	35.8			61.5	9219



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS   (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08	.3		.2	1.2	.1	.1	.6	.8		.3		
09-11		.4	.5	.3	.3	.1	.2	.4			.2	.3
12-14		.3	.5	.4	2.4	3.3	5.6	4.1	.8	.2		
15-17		.3	.6	2.4	5.3	7.5	11.9	9.1	2.0	.3		
18-20		.2	.8	2.0	6.1	8.7	11.3	6.8	1.9	1.7	.7	
21-23		.5	.3	.4	4.9	5.9	6.0	5.8	1.0	.6	.4	
ALL HOURS	.0	.3	.5	1.1	2.9	3.9	5.6	4.2	.9	.5	.2	.1
TOTAL												
OBS	4099	3838	4368	4289	4208	4272	4175	4376	4114	4268	3854	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS				100.0				1
LIQUID PRECIP	18.5		29.0	20.4	7.7	11.0	13.3	427
FREEZING PRECIP			14.3	85.7				7
FROZEN PRECIP	18.2			45.5	4.5	13.6	18.2	22
FOG	26.0		21.2	17.7	7.5	10.2	17.4	666
FOG WITH VIS GE 1/2 MILES	22.9		23.0	18.5	6.9	10.9	17.8	612
TOTAL OBS	1034	0	540	545	251	750	979	4099

MONTH: FEB HOURS: ALL

TSTMS	9.1		18.2		9.1	54.5	9.1	11
LIQUID PRECIP	14.3		23.3	32.3	12.3	9.0	8.7	446
FREEZING PRECIP			37.5	62.5				8
FROZEN PRECIP	2.6		43.6	30.8	2.6	7.7	12.8	39
FOG	20.5		16.5	19.0	12.2	11.6	12.3	632
FOG WITH VIS GE 1/2 MILES	23.4		17.8	20.7	12.1	12.5	13.5	569
TOTAL OBS	842	0	476	555	372	674	919	3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	4.3		21.7		17.4	26.1	30.4	23
LIQUID PRECIP	4.9		20.3	24.3	21.7	11.0	17.7	345
FREEZING PRECIP				100.0				1
FROZEN PRECIP			58.6	20.7			20.7	29
FOG	17.8		17.1	20.9	20.6	10.1	13.6	398
FOG WITH VIS GE 1/2 MILES	17.4		17.6	21.3	20.0	9.7	13.9	380
TOTAL OBS	671	0	415	527	684	1012	1059	4368

MONTH: APR HOURS: ALL

TSTMS	14.9		10.6	4.3	21.3	29.8	19.1	47
LIQUID PRECIP	8.7		12.1	23.4	20.3	22.5	13.0	231
FREEZING PRECIP								
FROZEN PRECIP								
FOG	15.9		10.6	21.2	23.0	18.4	11.0	283
FOG WITH VIS GE 1/2 MILES	15.0		10.6	20.4	23.7	19.0	11.3	274
TOTAL OBS	658	0	320	75	702	1047	1187	4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	9.9		8.3	9.1	19.8	31.4	21.5	121
LIQUID PRECIP	8.7		18.0	14.7	20.7	24.0	14.0	150
FREEZING PRECIP								
FROZEN PRECIP								
FOG	31.2		13.8	13.5	14.0	19.5	8.0	349
FOG WITH VIS GE 1/2 MILES	30.7		13.9	13.6	14.5	19.2	8.3	339
TOTAL OBS	669	0	473	473	594	1188	811	4208

MONTH: JUN HOURS: ALL

TSTMS	9.6		4.2	10.2	26.5	30.7	18.7	166
LIQUID PRECIP	12.4		12.4	16.3	16.3	27.1	15.5	129
FREEZING PRECIP								
FROZEN PRECIP								
FOG	32.0		7.2	9.9	15.3	19.8	15.9	334
FOG WITH VIS GE 1/2 MILES	32.0		7.0	10.1	14.9	19.8	16.2	328
TOTAL OBS	731	0	320	611	694	1147	769	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	7.2		9.4	8.9	26.0	28.9	19.6	235
LIQUID PRECIP	20.4		9.7	22.1	19.5	15.9	12.4	113
FREEZING PRECIP								
FROZEN PRECIP								
FOG	47.6		6.0	12.6	8.7	20.7	4.5	334
FOG WITH VIS GE 1/2 MILES	47.7		5.8	12.6	8.6	20.6	4.6	325
TOTAL OBS	846	0	282	504	663	1220	660	4175

MONTH: AUG HOURS: ALL

TSTMS	11.4		11.4	10.9	25.0	25.0	16.3	184
LIQUID PRECIP	13.5		11.7	26.1	18.9	25.2	4.5	111
FREEZING PRECIP								
FROZEN PRECIP								
FOG	49.2		6.8	16.1	9.1	11.2	7.6	472
FOG WITH VIS GE 1/2 MILES	47.4		7.1	16.5	9.6	11.8	7.6	449
TOTAL OBS	1015	0	383	746	645	1051	536	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	16.2		2.7	21.6	24.3	24.3	10.8	37
LIQUID PRECIP	13.2		32.4	33.5	7.0	8.5	5.5	272
FREEZING PRECIP								
FROZEN PRECIP								
FOG	42.5		18.5	20.9	5.7	7.3	5.1	593
FOG WITH VIS GE 1/2 MILES	41.7		19.1	21.2	5.9	6.9	5.2	576
TOTAL OBS	1100	0	651	984	345	562	472	4114

MONTH: OCT HOURS: ALL

TSTMS	25.0		15.0	10.0	15.0	15.0	20.0	20
LIQUID PRECIP	11.4		33.3	35.0	6.4	4.4	9.4	297
FREEZING PRECIP								
FROZEN PRECIP								
FOG	30.9		20.6	25.0	6.7	9.3	7.4	540
FOG WITH VIS GE 1/2 MILES	28.9		21.2	25.8	6.8	9.3	8.0	515
TOTAL OBS	1227	0	762	827	324	600	528	4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS			12.5	37.5		25.0	25.0	8
LIQUID PRECIP	10.6		30.4	21.8	15.0	12.6	9.6	293
FREEZING PRECIP								
FROZEN PRECIP								
FOG	26.1		21.1	17.7	14.4	11.7	9.0	521
FOG WITH VIS GE 1/2 MILES	22.7		22.5	18.7	14.6	11.9	9.8	481
TOTAL OBS	1053	0	548	590	384	600	679	3854

MONTH: DEC HOURS: ALL

TSTMS					100.0			2
LIQUID PRECIP	22.2		17.9	17.9	10.3	17.6	14.0	329
FREEZING PRECIP								
FROZEN PRECIP				100.0				1
FOG	32.9		8.9	12.4	11.6	14.4	19.8	450
FOG WITH VIS GE 1/2 MILES	31.0		9.9	12.3	11.1	15.0	20.7	406
TOTAL OBS	1038	0	486	411	256	744	768	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 109	110 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	10.1		9.0	9.9	23.9	28.4	18.7	855
LIQUID PRECIP	13.4		23.2	24.9	13.4	13.5	11.6	3143
FREEZING PRECIP			25.0	75.0				16
FROZEN PRECIP	5.5		37.4	31.9	2.2	6.6	16.5	91
FOG	31.9		15.0	17.7	11.5	12.7	11.1	5572
FOG WITH VIS GE 1/2 MILES	30.1		15.7	18.2	11.5	13.0	11.5	5254
TOTAL OBS	10884	0	5656	7148	5914	10595	9367	49564



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH—FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.0	58.3	61.0	67.6	58.4	58.1	51.4	56.5	66.7	73.6	66.5	63.3	61.6
TRACE	8.5	6.1	5.4	6.3	5.7	8.7	10.1	9.3	6.7	5.7	9.2	6.6	7.5
.01	2.9	2.5	2.7	1.5	2.7	2.8	3.6	2.7	2.0	1.6	2.2	2.1	2.4
.02-.05	5.7	5.7	4.6	5.3	7.8	6.0	6.6	7.7	5.9	4.2	5.0	4.9	5.8
.06-.10	2.8	4.7	3.1	3.2	3.7	2.4	4.2	3.2	2.9	2.9	1.7	2.6	3.1
.11-.25	6.6	6.5	6.5	4.3	6.3	5.9	5.6	5.5	4.3	4.5	4.5	5.7	5.5
.26-.50	6.3	6.1	6.2	3.9	6.0	5.3	6.1	4.9	5.0	2.0	4.5	6.3	5.2
.51-1.00	5.7	6.8	6.0	5.1	5.1	4.5	6.0	4.2	3.3	2.9	3.2	5.5	4.8
1.01-2.50	4.1	3.2	3.9	2.0	3.0	5.9	5.6	5.4	2.7	2.2	3.2	3.0	3.7
2.51-5.00	.3	.1	.6	.4	.1	.4	.9	.5	.7	.4	.1	.1	.4
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	34.4	35.6	33.7	25.6	34.8	33.2	38.5	34.1	26.7	20.6	24.3	30.1	30.9
TOTAL NO. OF OBSERVATIONS	784	721	802	749	729	750	786	803	765	819	783	777	9268

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										1.15	4.97	2.14	8.26*
63	6.14	3.36	3.10	*	*	*	5.49	1.99	3.94	.05	5.31	4.77	34.15*
64	8.74	6.53	5.63	3.28	3.09	2.63	9.90	7.77	4.07	8.28	1.41	2.95	64.28
65	1.26	5.17	7.43	3.55	1.27	9.80	9.45	4.70	3.52	1.98	2.60	.80	51.53
66	6.31	4.82	3.77	3.39	5.54	4.02	6.83	6.62	2.84	1.29	.78	3.88	50.09
67	2.55	3.80	2.67	2.68	7.23	4.89	6.73	13.21	4.93	.98	3.56	2.69	56.12
68	4.97	1.03	1.62	5.33	2.82	8.98	6.49	3.42	2.33	5.81	3.56	2.69	49.05
69	2.24	2.64	3.60	4.16	5.16	4.33	3.90	4.29	5.15	2.50	1.50	2.96	42.43
70	2.73	2.30	8.97	.43	2.99	2.85	1.28	5.65	1.40	3.21	1.11	4.10	37.02
71	4.94	3.88	11.61	3.66	4.36	1.91	7.99	3.84	3.11	4.39	2.36	2.39	54.44
72	7.69	3.80	3.79	.61	5.06	5.40	5.94	3.37	3.28	1.85	3.60	6.05	50.44
73	4.08	6.59	6.91	4.47	2.97	12.00	.33	4.20	3.38	.66	.30	5.28	51.17
74	4.65	4.73	2.94	3.47	4.28	1.55	4.28	7.73	5.39	.01	2.91	5.37	47.31
75	5.00	5.74	4.96	4.62	10.50	4.15	12.50	2.48	1.93	1.34	2.87	4.82	60.91
76	4.42	1.24	4.01	.61	6.54	9.57	4.97	2.51	3.95	5.10	4.06	6.43	53.41
77	3.55	1.44	5.03	1.18	.00*	5.43	3.17	7.84	2.34	3.40	3.08	4.68*	41.14*
78	7.65	1.61	2.56	4.96	3.32	1.62	3.38	3.78	1.02	.23	3.83	2.20*	36.16*
79	5.54	8.58	4.07	6.67	6.75	5.15	7.47	4.98	8.80	1.02	6.10	1.23*	66.36*
80	5.89	2.30	9.52	2.07	3.35	3.65	.92	3.93	7.07	1.61	1.78*	2.08*	44.17*
81	.80	3.79	2.62	2.13	1.69	7.93	5.15	8.41	.43	1.71	1.15	6.61	42.42
82	4.43	4.82	1.21	6.71	1.82	6.38	6.74	3.15	2.86	2.25	2.06	4.93*	47.36*
83	3.27	5.68	8.50	5.89	.79	4.09	4.37	3.03	4.61	2.80	3.07*	7.36*	53.46*
84	3.58	4.76	7.35	3.39	7.68	1.51	9.62	5.46	.27	2.66	.99	1.51*	48.78*
85	3.46	6.33	.64	.76	1.95	5.17	9.93*	8.41	1.16	4.87	5.53	2.14*	50.35*
86	.93	1.66	4.15	.55	.73	3.52	.96	3.91	1.35	4.29	5.91*	2.52*	30.48*
87	7.67	4.50	5.31	1.04	1.50	5.73	5.16	3.97	7.03	1.11	4.00*	1.81*	48.83*
88	2.62*	1.85	1.78	3.52	2.03	4.94	5.56	4.84	7.06	2.80	1.75*	.37*	39.12*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.80	1.03	.64	.43	.73	1.51	.33	1.99	.27	.01	.30	.80	37.02
GREATEST	8.74	8.58	11.61	6.71	10.50	12.00	12.50	13.21	8.80	8.28	6.10	7.36	66.36
MEAN	4.50	3.96	4.76	3.17	3.89	5.09	5.54	.13	3.58	2.49	2.89	3.99	50.76
MEDIAN	4.43	3.84	4.04	3.39	3.21	4.89	5.49	4.25	3.33	1.98	2.89	3.99	50.81
SD	2.153	1.963	2.784	1.933	2.494	2.756	3.020	2.516	2.217	1.951	1.652	1.706	7.227
TOTAL OBS	7F	721	802	749	729	750	786	803	765	819	783	777	9258

THE GREATEST VALUE OF 13.21 OCCURRED ON 08/67

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6210-8812

LST TO UTC: +05

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										.80	2.33	1.11	2.33*
63	1.66	.79	1.51	*	*	*	1.88	1.15	1.35	.05	1.58	1.24	1.88*
64	2.84	1.83	1.44	1.51	2.21	.50	2.02	3.24	2.21	2.86	.52	.56	3.24
65	.42	1.11	1.50	.87	.79	2.16	2.65	2.37	3.07	1.60	1.76	.35	3.07
66	1.57	1.65	2.88	1.70	1.20	1.51	1.85	2.10	1.21	.71	.37	.77	2.88
67	.80	1.52	.63	1.69	2.46	2.32	1.68	3.90	4.74	.81	1.70	1.07	4.74
68	1.81	.72	.44	1.99	1.36	2.65	2.84	1.57	.81	3.27	1.17	.65	3.27
69	1.09	.84	1.24	1.42	2.12	2.16	1.34	2.28	1.59	1.33	1.31	1.54	2.28
70	.85	1.01	2.50	.16	1.19	2.20	.48	2.21	.49	1.21	.95	2.30	2.50
71	1.36	1.43	4.32	1.46	1.43	.94	1.56	1.72	1.37	1.23	1.07	1.75	4.32
72	2.08	.89	1.41	.20	.72	2.04	2.08	2.21	1.48	.93	1.35	2.13	2.21
73	.93	2.08	1.09	2.70	1.20	3.30	.24	3.26	2.09	.35	.28	1.00	3.30
74	1.90	1.38	.99	1.36	.99	1.04	1.42	2.36	1.95	.01	.85	1.46	2.36
75	1.32	2.39	1.02	2.13	2.69	1.57	2.17	.65	.48	.75	1.82	1.28	2.69
76	1.59	.43	1.87	.49	2.14	4.20	3.33	1.58	1.56	2.74	2.14	2.20	4.20
77	1.67	.96	1.52	.62	.00*	2.34	1.69	1.90	.74	2.41	1.22	1.22*	2.41*
78	2.35	.38	.83	1.99	1.38	.45	1.38	1.05	.38	.20	1.61	.92*	2.35*
79	1.33	2.76	1.29	3.31	1.63	1.32	2.86	2.12	2.57	.59	2.86	.42*	3.31*
80	.89	.76	1.22	.64	1.45	2.41	.60	1.59	2.33	.73	.50*	.67*	2.41*
81	.27	2.37	.68	.67	.75	2.26	1.58	2.43	.41	.79	.42	2.03	2.43
82	2.74	.88	.50	2.13	.63	2.23	2.78	1.33	.63	.68	.84	1.82*	2.78*
83	1.18	1.96	3.40	2.70	.57	1.83	3.68	2.15	2.08	1.09	1.09*	2.51*	3.68*
84	1.04	1.64	2.97	.92	2.38	1.12	2.12	2.30	.23	.91	.45	1.16*	2.97*
85	1.50	2.14	.37	.58	.49	1.80	2.60*	2.45	.60	2.17	1.81	1.50*	2.60*
86	.61	.77	1.99	.30	.26	1.10	.28	1.65	.76	1.78	2.42*	.63*	2.42*
87	2.23	1.88	1.58	.81	.72	1.25	2.41	1.96	4.30	1.11	2.23*	.74*	4.30*
88	1.37*	.51	1.09	1.47	.90	2.15	1.57	1.34	2.57	.87	.36*	.20*	2.57*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.84	2.76	4.32	3.31	2.69	4.20	3.68	3.90	4.74	3.27	2.86	2.51	4.74
TOTAL OBS	784	721	802	749	729	750	785	803	765	819	783	777	9268

THE GREATEST VALUE OF 4.74 OCCURRED ON 09/09/67

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	94.1	95.3	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	98.6	98.9
TRACE	4.6	3.3	.2								.3	1.2	.8
0.1-0.4	.4		.1									.1	.1
0.5-1.4	.4	.3	.2										.1
1.5-2.4	.5	.6	.4									.1	.1
2.5-3.4		.1											.0
3.5-4.4		.1	.1										.0
4.5-6.4		.1											.0
6.5-10.4													
10.5-15.4		.1											.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	1.3	1.4	.9									.3	.3
TOTAL NO. OF OBSERVATIONS	783	721	802	749	729	750	787	03	765	819	783	777	9268

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6210-8812

LST TO UTC: +05

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										.0	.0	.0	.0*
63	TRACE	TRACE	.0	*	*	*	.0	.0	.0	.0	.0	TRACE	TRACE*
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
67	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
68	2.6	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.9
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
71	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	16.9
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.5	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0*	.5*
78	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.5*
79	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	7.1*
80	.0	2.6	4.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	6.6*
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	3.0*
83	TRACE	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	2.5*
84	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
85	TRACE	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0*	TRACE*
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	TRACE*
87	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	1.8*
88	2.2*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*	2.2*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	2.6	15.0	4.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9	16.9
MEAN	.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	2.2
MEDIAN	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	.697	3.229	1.164	.000	.000	.000	.000	.000	.000	.000	.000	.475	4.592
TOTAL OBS	783	721	802	749	729	750	787	803	765	819	783	777	9268

THE GREATEST VALUE OF 15.0 OCCURRED ON 02/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										.0	.0	.0	.0*
63	TRACE	TRACE	.0	*	*	*	.0	.0	.0	.0	.0	TRACE	TRACE*
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
67	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
68	2.3	2.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.3
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
71	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	10.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.6
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.5	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0*	.5*
78	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.5*
79	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	5.1*
80	.0	2.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	2.6*
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	1.5*
83	TRACE	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	1.5*
84	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
85	TRACE	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0*	TRACE*
86	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	TRACE*
87	.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.9*
88	2.2*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*	2.2*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.3	10.6	4.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	10.6
TOTAL OBS	783	721	802	749	729	750	787	803	765	819	783	777	9268

THE GREATEST VALUE OF 10.6 OCCURRED ON 02/10/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	95.9	97.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.4
TRACE	1.8	1.0	.4									.3	.3
1	.9	.4	.1										.1
2	1.0	.7											.1
3	.4		.1										.0
4-6		.3											.0
7-12		.6											.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	2.3	1.9	.2										.4
TOTAL NO. OF OBSERVATIONS	784	721	802	779	760	780	787	803	765	820	782	777	9360

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										0	0	0	0*
63	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	1	0	0	0	0	0	0	0	0	0	0	0	1
67	0	2	0	0	0	0	0	0	0	0	0	0	2
68	2	1	0	0	0	0	0	0	0	0	0	0	2
69	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
70	2	0	0	0	0	0	0	0	0	0	0	0	2
71	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	3	12	0	0	0	0	0	0	0	0	0	TRACE	12
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	TRACE	0	0	0	0*	0	0	0	0	0	0	0*	TRACE*
78	TRACE	1	0	0	0	0	0	0	0	0	0	0*	1*
79	0	5	0	0	0	0	0	0	0	0	0	0*	5*
80	0	2	3	0	0	0	0	0	0	0	0*	0*	3*
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0*	TRACE*
83	TRACE	0	TRACE	0	0	0	0	0	0	0	0*	0*	TRACE*
84	0	0	0	0	0	0	0	0	0	0	0	0*	0*
85	0	0	0	0	0	0	0*	0	0	0	0	0*	0*
86	0	0	0	0	0	0	0	0	0	0	0*	0*	0*
87	1	0	TRACE	0	0	0	0	0	0	0	0*	0*	1*
88	2*	0	0	0	0	0	0	0	0	0	0*	0*	2*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	3	12	3	0	0	0	0	0	0	0	0	TRACE	12
TOTAL OBS	784	721	802	779	760	780	787	803	765	820	782	777	9360

THE GREATEST VALUE OF 12 OCCURRED ON 02/11/73

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6210-8812  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
62 - 63	JAN 14			FEB 27		
63 - 64	DEC 31			DEC 31		
64 - 65	JAN 15			MAR 06		
65 - 66	JAN 25	JAN 27	JAN 27	FEB 23	JAN 27	JAN 27
66 - 67	DEC 13	FEB 09	FEB 10	FEB 27	FEB 09	FEB 10
67 - 68	JAN 10	JAN 12	JAN 13	FEB 24	FEB 24	FEB 22
68 - 69	NOV 11			FEB 17		
69 - 70	DEC 26	JAN 23	JAN 23	FEB 10	JAN 23	JAN 23
70 - 71	JAN 08	MAR 25		MAR 25	MAR 25	
71 - 72	DEC 02			DEC 03		
72 - 73	JAN 07	FEB 09	JAN 08	FEB 10	FEB 10	FEB 14
73 - 74	DEC 16	DEC 16		DEC 17	DEC 17	
74 - 75	FEB 03			FEB 04		
75 - 76	JAN 17			JAN 17		
76 - 77	JAN 03	JAN 31		JAN 31	JAN 31	
77 - 78	JAN 14	FEB 09	FEB 09	FEB 23	FEB 09	FEB 09
78 - 79	FEB 06	FEB 18	FEB 18	FEB 19	FEB 19	FEB 21
79 - 80	FEB 04	FEB 06	FEB 06	MAR 03	MAR 03	MAR 03
80 - 81	JAN 30			FEB 06		
81 - 82	DEC 21	JAN 15		FEB 27	FEB 26	
82 - 83	JAN 20	MAR 24		MAR 25	MAR 25	
83 - 84	JAN 15			FEB 28		
84 - 85	JAN 20			JAN 20		
85 - 86	JAN 27			JAN 27		

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6210-8812  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	JAN 26	JAN 26	JAN 27	MAR 12	MAR 12	JAN 27
87 - 88	JAN 07	JAN 09	JAN 09	JAN 09	JAN 09	JAN 13
88 - 89	DEC 16			DEC 16		

MEDIAN-DATE	JAN 14	JAN 31	JAN 27	FEB 17	FEB 10	FEB 09
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pppppppp	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
pp pp	AA AA	RR RR	TT	CC CC
pp pp	AA AA	RR RR	TT	CC
pppppppp	AA AA	RRRRRRRR	TT	CC
pppppppp	AAAAAAAA	RRRRRRRR	TT	CC
pp	AAAAAAAA	RR RR	TT	CC
pp	AA AA	RR RR	TT	CC CC
pp	AA AA	RR RR	TT	CCCCCCCC
pp	AA AA	RR RR	TT	CCCCCC

## SURFACE WIND SUMMARIES

## PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

## PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

## WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)  
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.  
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:  
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST  
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: 6903-7503

LST TO UTC: +05

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
69			29/*37	21/ 30	10/ 34	01/ 38	01/*22	*	*	05/*23	12/ 39	27/ 38	12/*39
70	29/ 36	22/ 31	28/ 58	27/ 43	33/ 26	33/ 40	28/ 28	30/ 42	28/ 32	04/ 24	25/ 30	32/ 35	28/ 58
71	28/ 39	26/ 42	27/ 45	35/ 38	27/ 45	02/ 30	27/ 56	11/ 26	36/ 26	24/ 32	32/ 26	05/ 31	27/ 56
72	32/ 37	30/ 33	24/ 36	18/ 30	28/ 22	31/ 41	31/ 51	21/ 42	26/ 39	02/ 25	31/ 26	13/ 23	31/ 51
73	25/ 24	36/ 32	26/ 38	28/ 32	34/ 30	31/ 29	22/ 20	24/ 24	04/ 25	27/ 22	31/ 31	28/ 29	26/ 38
74	28/ 25	28/ 33	23/ 40	29/ 33	06/ 34	32/ 22	04/ 33	26/ 36	05/ 24	03/ 22	29/ 27	12/ 33	23/ 40
75	27/ 34	24/ 22	34/ 36										34/*36
.....													
GREATEST	28/ 39	26/ 42	28/ 58	27/ 43	27/ 45	31/ 41	27/ 56	30/ 42	26/ 39	24/ 32	12/ 39	27/ 38	28/ 58
.....													
TOTAL OBS	186	168	196	180	186	180	161	152	148	155	180	186	2078
.....													

THE PEAK WIND OF 58 FROM 28/ OCCURRED ON 03/26/70

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6903-7503

MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.0	15.1	39.2	21.5	12.4	5.9	3.2	2.7	.0	.0	.0	15.7	14.0	186
FEB	.0	11.3	28.0	33.9	13.7	6.0	5.4	.6	1.2	.0	.0	17.4	16.5	168
MAR	.0	2.0	32.1	26.5	17.9	10.7	4.1	4.1	2.0	.5	.0	19.4	17.5	196
APR	.0	1.1	27.8	31.1	21.1	12.2	5.0	.6	1.1	.0	.0	18.9	18.0	180
MAY	.0	7.0	36.6	31.2	18.8	3.2	1.6	1.1	.5	.0	.0	16.5	16.0	186
JUN	.0	9.4	31.1	31.7	19.4	5.6	1.1	.6	1.1	.0	.0	16.3	16.0	180
JUL	.0	14.3	32.9	28.0	15.5	4.3	3.1	.0	.6	1.2	.0	16.2	15.0	161
AUG	.0	21.1	48.0	15.1	9.2	3.3	1.3	.7	1.3	.0	.0	14.0	12.0	152
SEP	.0	18.9	52.7	14.9	9.5	2.0	1.4	.7	.0	.0	.0	13.5	12.0	148
OCT	.0	18.7	43.2	23.9	12.9	.6	.6	.0	.0	.0	.0	13.7	13.0	155
NOV	.0	21.1	36.7	21.7	12.2	6.1	1.1	1.1	.0	.0	.0	14.7	13.0	180
DEC	1.6	18.3	33.3	21.5	12.4	7.0	4.8	1.1	.0	.0	.0	15.6	14.0	186
ANNUAL	.1	12.8	36.4	25.3	14.8	5.8	2.8	1.2	.7	.1	.0	16.1	15.0	2078

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	2.3	.3									4.3	5.4	5.0
020-040	4.1	4.3	1.0									9.4	5.6	5.0
050-070	3.8	5.1	1.3									10.1	5.2	5.0
(E) 080-100	1.5	.5										2.0	4.0	4.0
110-130	.8	.3										1.0	3.0	2.5
140-160	.8											.8	2.7	2.0
(S) 170-190	.5		.3									.8	5.3	4.0
200-220	1.3	1.3	.3									2.8	5.5	5.0
230-250	3.0	1.5	.8	.3								5.6	5.4	4.0
(W) 260-280	1.8	3.3	1.5									6.6	6.7	7.0
290-310	1.5	2.0	.8									4.3	5.6	5.0
320-340	2.8	1.0	.5									4.3	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											48.1	////////	
TOTALS	23.7	21.6	6.8	.3								100.0	2.8	5.0
TOTAL NUMBER OF OBSERVATIONS 395														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	3.8	2.0	.2								7.7	7.1	7.0
020-040	2.3	5.5	2.1	.1								10.1	6.8	6.0
050-070	2.7	5.7	3.0									11.3	6.9	6.0
(E) 080-100	3.1	3.5	.5									7.1	5.0	5.0
110-130	3.2	1.2	.2									4.6	4.3	4.0
140-160	1.7	.8										2.5	3.8	3.5
(S) 170-190	1.8	.8	.1									2.8	4.3	4.0
200-220	1.7	1.5	.3									3.6	5.5	5.0
230-250	3.4	3.8	1.0	.2								8.4	6.1	6.0
(W) 260-280	2.8	4.5	4.2	.2								11.7	7.6	8.0
290-310	3.7	2.4	2.1									8.2	6.0	5.0
320-340	1.7	1.4	1.2									4.3	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											17.7	////////	
TOTALS	29.8	34.9	16.7	.7								100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 865														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION : (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	3.1	2.1									6.9	7.2	7.0
020-040	2.7	7.0	1.5									11.1	6.3	6.0
050-070	2.1	4.2	1.0									7.3	6.2	6.0
(E) 080-100	2.9	2.9	.2									6.0	4.6	5.0
110-130	3.6	1.7	.2									5.6	4.2	4.0
140-160	1.6	.8	.1									2.6	4.0	3.0
(S) 170-190	1.3	.8	.2	.3								2.7	6.4	5.0
200-220	2.8	2.3	1.0									6.2	5.7	5.0
230-250	3.3	5.2	3.9									12.4	7.2	8.0
(W) 260-280	1.6	5.5	5.1	.9								13.1	8.8	8.0
290-310	2.1	5.9	4.5	.1								12.7	7.8	8.0
320-340	2.1	2.9	2.0									7.0	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////	
TOTALS	27.7	42.3	21.8	1.3								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.6	1.3									6.4	6.6	6.5
020-040	2.8	3.7	1.4									8.0	6.3	6.0
050-070	3.9	3.6	1.0									8.5	5.4	5.0
(E) 080-100	2.2	2.1										4.2	4.5	4.0
110-130	2.1	1.4	.1									3.6	4.3	4.0
140-160	2.1	1.4										3.5	4.1	4.0
(S) 170-190	1.4	1.5	.4									3.3	5.5	5.5
200-220	1.7	2.8	.4									4.9	5.5	5.5
230-250	1.7	7.1	3.5									12.2	7.5	7.0
(W) 260-280	3.1	7.1	4.8	.8	.1							15.8	8.0	8.0
290-310	2.7	5.5	3.3	.3								11.8	7.4	7.0
320-340	2.1	3.9	1.7									7.6	6.8	7.0
VARIABLE														
CALM	////////////////////											10.2	////////	
TOTALS	27.3	43.7	17.9	1.1	.1							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 778

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 18-20

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.4										6.5	3.8	3.5
020-040	2.7	2.4	.5									5.7	5.1	5.0
050-070	5.2	1.6	.8									7.6	4.3	3.0
(E) 080-100	1.8	.5										2.3	3.2	2.0
110-130	1.0	.6										1.6	4.2	3.0
140-160	.3	.3	.2									.8	6.2	5.0
(S) 170-190	1.3	.5										1.8	3.5	3.0
200-220	2.7	1.0										3.7	3.8	4.0
230-250	4.4	2.3	.6									7.3	4.5	4.0
(W) 260-280	2.9	2.6	3.4									8.9	7.2	8.0
290-310	1.6	.8	1.3	.3		.2						4.2	7.8	6.5
320-340	1.9	1.5										3.4	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											46.4	////////	
TOTALS	29.8	16.5	6.8	.3		.2						100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 619

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 21-23

DIRECTION / (DEGREES) /	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010 /	2.9	1.0	.2									4.1	4.0	3.5
020-040 /	3.1	2.8	1.2									7.1	5.9	6.0
050-070 /	3.1	3.4	.3									6.9	5.1	5.0
(E) 080-100 /	3.3	.7										4.0	3.1	2.0
110-130 /	2.6	.2										2.8	2.9	2.5
140-160 /		.2										.2	8.0	8.0
(S) 170-190 /	.7	.7	.3									1.7	5.5	5.5
200-220 /	1.5	.5										2.1	3.6	3.0
230-250 /	2.4	2.2	.7									5.3	5.6	5.0
(W) 260-280 /	3.6	4.5	2.2									10.3	6.2	5.5
290-310 /	2.6	1.4	1.9	.2								6.0	7.1	7.0
320-340 /	2.2	.9	.2									3.3	3.6	2.0
VARIABLE /														
CALM /	////////////////////////////////////											46.3	////////////////////////////////	
TOTALS /	28.0	18.5	7.0	.2								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 581

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
													WIND
(N) 350-010	2.2	2.9	1.1	.0								6.3	6.1
020-040	2.8	4.5	1.4	.0								8.7	6.2
050-070	3.3	4.0	1.3									8.6	5.7
(E) 080-100	2.6	2.0	.1									4.7	4.4
110-130	2.4	1.0	.1									3.6	4.1
140-160	1.2	.7	.0									2.0	4.1
(S) 170-190	1.3	.8	.2	.1								2.4	5.2
200-220	2.0	1.7	.4									4.1	5.2
230-250	3.0	4.0	2.0	.1								9.1	6.5
(W) 260-280	2.6	4.8	3.8	.4	.0							11.7	7.7
290-310	2.5	3.3	2.6	.1		.0						8.5	7.2
320-340	2.1	2.1	1.0									5.2	5.9
VARIABLE													
CALM	////////////////////											25.2	////////
TOTALS	28.0	31.8	14.0	.7								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 4099

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												MEAN WIND
(N) 350-010	5.8	8.7	.9									15.3
020-040	5.4	8.8	2.9									17.1
050-070	6.5	5.6	2.5									14.6
(E) 080-100	3.1	2.0	.2									5.2
110-130	2.0	1.3										3.2
140-160	.9	.2										1.1
(S) 170-190	.9	.5										1.4
200-220	1.8	1.3	.2									3.2
230-250	2.2	3.1										5.2
(W) 260-280	2.3	2.7	.4									5.4
290-310	3.4	2.5	.4									6.3
320-340	3.6	2.5	.7									6.9
VARIABLE												
CALM	////////////////////////////////////										14.8	////////////////////////////////
TOTALS	37.9	39.2	8.2									100.0

TOTAL NUMBER OF OBSERVATIONS 554

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 06-08

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.9	.8		.3							7.9	6.1	6.0
020-040	3.3	6.0	.8	.3								10.3	5.7	5.0
050-070	4.1	4.3	1.9									10.3	5.8	5.0
(E) 080-100	1.4	1.6										3.0	4.7	5.0
110-130	1.9	.3	.3									2.4	3.9	3.0
140-160	.5	.5										1.1	4.3	4.0
(S) 170-190	.5		.5									1.1	7.3	7.0
200-220	.3	.8	.5									1.6	7.2	7.5
230-250	3.0	2.2	.3	.3								5.7	5.5	4.0
(W) 260-280	3.3	3.3	1.1									7.6	5.2	5.0
290-310	1.1	.5	.8									2.4	6.1	5.0
320-340	1.6	1.4										3.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											43.5	////////	
TOTALS	22.9	25.8	7.0	.6	.3							100.0	3.1	5.0

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.5	2.5	.1								6.5	7.9	7.5
020-040	2.0	6.7	2.5									11.2	6.9	7.0
050-070	3.1	7.2	2.6									12.9	6.7	7.0
(E) 080-100	3.6	3.9	.5									8.0	5.2	5.0
110-130	2.0	2.7	.5									5.2	5.5	5.0
140-160	2.9	1.0										3.9	3.5	4.0
(S) 170-190	2.5	1.1	.1									3.7	4.3	4.0
200-220	2.0	1.6	.6									4.2	5.6	5.0
230-250	2.1	3.4	1.4	.4								7.2	6.9	7.0
(W) 260-280	2.4	4.6	3.5									10.4	7.4	8.0
290-310	2.6	3.9	2.4									8.8	6.5	6.0
320-340	2.1	1.9	1.1									5.1	6.0	6.0
VARIABLE														
CALM	////////////////////											12.8	////////	
TOTALS	28.7	40.5	17.7	.5								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 804



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG0 SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	3.8	2.0	.3								7.3	7.6	8.0
020-040	1.5	5.5	.9									7.9	6.1	5.0
050-070	2.4	5.0	2.4									9.8	7.0	7.0
(E) 080-100	2.3	2.4	.5									5.1	5.7	5.0
110-130	1.9	3.3	1.1									6.3	6.0	5.0
140-160	2.3	1.8	.6	.1								4.8	5.5	5.0
(S) 170-190	1.3	3.0	.4									4.6	5.9	6.0
200-220	2.9	3.0	1.6									7.5	5.9	5.5
230-250	2.3	5.3	4.0	.1								11.6	7.7	8.0
(W) 260-280	1.6	4.6	5.5	.6								12.4	8.7	9.0
290-310	1.9	4.9	3.8									10.5	7.8	8.0
320-340	1.8	1.9	2.9									6.5	7.6	8.0
VARIABLE														
CALM	////////////////////											5.9	////////	
TOTALS	23.5	44.5	25.7	1.1								100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 800

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.5	2.3	1.8	.1								5.7	7.7	8.0
020-040	2.1	3.0	1.2									6.3	6.5	6.0
050-070	1.8	6.2	.7									8.6	6.2	6.0
(E) 080-100	3.6	1.5	.4									5.5	4.6	4.0
110-130	3.4	1.8	1.2									6.4	5.5	4.0
140-160	1.2	2.5	1.1									4.8	6.3	5.0
(S) 170-190	1.5	2.1	.7									4.2	5.8	5.0
200-220	2.3	3.8	.8	.1								7.1	6.2	6.0
230-250	2.7	4.7	2.9									10.3	7.0	7.0
(W) 260-280	2.6	5.7	6.0	.5								14.9	8.5	9.0
290-310	2.3	5.3	4.7									12.3	7.9	8.0
320-340	1.1	4.2	2.1	.1								7.5	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////	
TOTALS	26.1	43.1	23.6	.8								100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 731														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
.....														
(N) 350-010	4.1	1.7	.5									6.3	4.1	3.0
020-040	3.1	2.4	1.5									7.0	5.4	5.0
050-070	4.1	2.2	.7									7.0	4.7	3.0
(E) 080-100	1.7	.9	.2									2.7	4.2	3.0
110-130	3.1	1.2	.3									4.6	3.9	2.0
140-160	2.0	.5	.9									3.4	5.5	4.0
(S) 170-190	1.2	.7	.5									2.4	5.5	4.0
200-220	3.4	.7										4.1	3.7	3.0
230-250	2.6	2.0	.2									4.8	4.4	4.0
(W) 260-280	1.9	4.3	2.7	.2								9.0	7.5	7.0
290-310	1.9	1.9	1.5									5.3	6.3	6.0
320-340	2.9	1.5	.7									5.1	5.2	4.0
.....														
VARIABLE														
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	38.4	////////////////////////////////////	////////////////////////////////////
TOTALS	32.0	20.0	9.7	.2								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 588

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	.7	.4									4.8	3.7	2.5
020-040	4.0	1.8	1.3									7.1	5.2	4.0
050-070	3.5	2.2	1.5									7.1	5.6	5.0
(E) 080-100	2.7	.5	.4									3.7	4.1	4.0
110-130	2.4	.5	.2									3.1	3.1	2.0
140-160	1.6	.2										1.8	2.7	2.5
(S) 170-190	.9	1.1	.4									2.4	5.3	5.0
200-220	1.5	.2	.2									1.8	3.3	2.0
230-250	1.6	1.1	.2									2.9	4.6	4.0
(W) 260-280	2.7	3.1	1.6	.2								7.7	6.8	7.0
290-310	2.0	2.2	1.3	.5								6.0	7.2	7.0
320-340	3.7	.4										4.0	2.7	2.0
VARIABLE														
CALM	////////////////////											47.5	////////	
TOTALS	30.3	14.0	7.5	.7								100.0	2.6	4.0
TOTAL NUMBER OF OBSERVATIONS 547														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND
												WIND
(N) 350-010	2.2	2.6	1.5	.1	.0							6.4
020-040	2.5	4.3	1.4	.0								8.3
050-070	3.0	4.8	1.7									9.5
(E) 080-100	2.7	2.0	.4									5.0
110-130	2.4	1.9	.7									5.0
140-160	1.9	1.2	.5	.0								3.6
(S) 170-190	1.4	1.5	.4									3.4
200-220	2.2	1.9	.7	.0								4.8
230-250	2.3	3.4	1.7	.1								7.6
(W) 260-280	2.3	4.4	3.8	.3								10.8
290-310	2.1	3.5	2.7	.1								8.3
320-340	2.1	2.0	1.3	.0								5.5
VARIABLE												
CALM	////////////////////											21.9
TOTALS	27.1	33.5	16.8	.6								100.0

TOTAL NUMBER OF OBSERVATIONS 3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	2.9	2.2	.9	.2	.2							6.3 6.1 5.0
020-040	6.5	8.0	3.6	.2								18.3 6.0 5.0
050-070	5.3	5.6	2.9									13.8 6.1 5.5
(E) 080-100	3.6	2.0	.7									6.3 4.8 4.0
110-130	2.4	1.6	1.1									5.1 5.9 5.0
140-160	2.7	1.4	.9									5.1 5.2 4.0
(S) 170-190	2.0	.5	.9									3.4 5.6 4.0
200-220	2.9	.9	1.1									4.9 5.3 4.0
230-250	2.2	2.9	.4									5.4 5.0 5.0
(W) 260-280	2.2	2.5	1.1									5.8 5.9 5.0
90-310	2.7	2.4	.9	.2								6.2 5.6 5.0
320-340	2.7	1.8	.2									4.7 4.3 4.0
VARIABLE												
CALM	////////////////////											14.7
TOTALS	38.1	31.8	14.7	.6	.2							100.0 4.8 5.0

TOTAL NUMBER OF OBSERVATIONS 552

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.7	.5									2.4	6.0	6.0
020-040	1.7	6.2	1.4	.2								9.5	6.9	7.0
050-070	3.8	4.5	1.0									9.3	5.3	5.0
(E) 080-100	3.6	2.9										6.4	4.4	4.0
110-130	1.9	2.4	.5									4.8	5.0	5.5
140-160	.2	.5	.5									1.2	8.4	8.0
(S) 170-190	1.7	.2	.7									2.6	5.1	4.0
200-220	1.4	1.2										2.6	4.5	4.0
230-250	3.3	3.3	1.7									8.4	5.9	6.0
(W) 260-280	2.9	2.6	1.7									7.2	6.2	5.5
290-310	2.9	1.7	.2									4.8	4.0	3.0
320-340	4.5	1.4	1.2									7.2	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											33.7	////////	
TOTALS	29.1	27.6	9.4	.2								100.0	3.6	5.0

TOTAL NUMBER OF OBSERVATIONS 419

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.4	1.5									6.1	7.0	7.0
020-040	2.0	4.7	1.6									8.3	6.8	6.0
050-070	3.2	8.1	1.9									13.1	6.4	6.5
(E) 080-100	2.5	4.0	.9									7.4	5.8	5.0
110-130	2.1	4.5	.9									7.4	5.9	5.5
140-160	2.8	2.4	.5									5.8	5.1	5.0
(S) 170-190	1.4	2.2	1.1									4.7	6.5	6.0
200-220	2.5	1.7	1.0									5.2	5.8	5.0
230-250	3.5	5.7	3.4									12.5	7.0	7.0
(W) 260-280	2.9	5.0	3.5	.4								11.9	7.5	7.0
290-310	1.9	3.1	1.5	.1								6.5	6.6	6.0
320-340	1.5	2.9	1.1	.1								5.7	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	27.5	47.7	18.9	.6								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 918



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.5	1.5									6.2	7.2	7.0
020-040	1.6	3.8	1.6	.1								7.2	7.2	6.5
050-070	1.7	3.1	.9									5.7	6.3	6.0
(E) 080-100	1.9	2.9	.9									5.7	6.1	6.0
110-130	2.0	4.2	1.2									7.4	6.1	6.0
140-160	2.1	3.8	1.2									7.1	6.3	6.0
(S) 170-190	1.7	4.2	2.3	.1								8.4	7.2	7.0
200-220	1.3	4.4	2.0	.1								7.7	7.5	8.0
230-250	2.4	4.1	4.7	.1								11.3	7.8	8.0
(W) 260-280	1.1	5.2	5.7	.5								12.5	8.9	9.0
290-310	2.1	4.8	4.9	.1	.1							12.0	8.2	8.0
320-340	1.4	3.6	1.7	.1								6.9	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	20.5	47.6	28.6	1.1	.1							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	3.0	1.6	.1	.1							6.1	7.4	8.0
020-040	1.0	2.8	1.3									5.0	7.0	7.0
050-070	1.3	1.9	1.0									4.2	6.5	5.0
(E) 080-100	1.7	1.9	.6									4.2	5.9	5.0
110-130	2.2	3.2	1.8									7.2	6.4	6.0
140-160	2.8	3.7	1.8									8.3	6.4	6.0
(S) 170-190	1.7	4.2	2.3	.2								8.4	7.1	7.0
200-220	2.9	4.3	1.8									9.0	6.4	6.0
230-250	1.9	4.3	5.3	.4								11.9	8.3	9.0
(W) 260-280	2.2	4.3	3.8	.5								10.8	8.0	8.0
290-310	2.4	7.0	6.0	.1								15.5	8.1	8.0
320-340	1.7	3.2	1.9	.2								7.1	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	2.2	////////////////////////////////	////////////////////////////////
TOTALS	23.1	43.8	29.2	1.5	.1							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 16-20

WIND SPEED IN KNOTS														
DIRECTION / (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.0	1.7	.6									5.3	4.9	4.0
020-040	2.1	1.1	.8									4.0	5.3	3.5
050-070	2.9	1.2	.6									4.7	4.8	4.0
(E) 080-100	2.1	.3	.3									2.7	3.9	3.0
110-130	3.2	2.3	.6									6.1	5.0	4.0
140-160	2.9	3.3	1.1									7.3	5.6	5.0
(S) 170-190	3.8	3.2	1.1	.2								8.2	5.7	5.0
200-220	4.4	1.8	.3	.2								6.7	4.3	3.5
230-250	2.3	1.7	1.1									5.0	5.7	5.0
(W) 260-280	3.3	4.0	.9	.5								8.7	5.9	5.0
290-310	1.8	1.8	2.1	.2								5.9	7.4	8.0
320-340	2.1	1.8	1.5	.2								5.6	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											29.7	////////	
TOTALS	33.9	24.2	11.0	1.3								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	1.6	.2									5.4	4.4	4.0
020-040	2.4	1.0	.6									4.0	4.9	4.0
050-070	1.4	1.4	1.4									4.3	7.1	6.0
(E) 080-100	2.4	1.0	.3									3.7	4.8	4.0
110-130	4.2	1.1	.6									5.9	4.1	3.0
140-160	3.4	1.8	.6									5.8	4.8	4.0
(S) 170-190	3.5	4.3	.5									8.3	5.4	5.0
200-220	3.7	1.0	.2									4.8	3.4	3.0
230-250	1.8	1.9	.8		.2							4.6	6.2	5.0
(W) 260-280	1.6	2.2	.5									4.3	5.9	6.0
290-310	1.6	1.8	.8									4.2	5.7	5.0
320-340	1.4	1.9	1.3									4.6	6.3	6.0
VARIABLE														
CALM	////////////////////											39.9	////////	
TOTALS	31.1	21.0	7.8		2							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 624														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	1.9	2.6	1.1	.0	.0							5.6
020-040	1.8	3.2	1.3	.0								6.3
050-070	2.3	3.5	1.1									7.0
(E) 080-100	2.2	2.3	.6									5.1
110-130	2.5	3.2	1.0									6.7
140-160	2.5	2.8	1.0									6.3
(S) 170-190	2.2	3.3	1.4	.1								7.0
200-220	2.7	2.6	1.0	.0								6.4
230-250	2.5	3.7	3.1	.1	.0							9.5
(W) 260-280	2.3	4.1	3.0	.4								9.8
290-310	2.1	3.7	3.0	.1	.0							8.8
320-340	1.9	2.7	1.5	.1								6.2
VARIABLE												
CALM	////////////////////											15.4
TOTALS	26.9	37.7	19.1	.8								100.0

TOTAL NUMBER OF OBSERVATIONS 4368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.2	6.2	2.2	.2	.2							13.1	6.6	6.0
020-040	2.5	7.7	3.5	.2							13.9	7.4	7.0	
050-070	3.2	7.9	3.0									14.1	6.7	6.0
(E) 080-100	2.7	3.0	1.0							6.7	5.5	5.0		
110-130	4.2	3.7	1.2							9.2	5.4	5.0		
140-160	2.5	2.2	1.7							6.4	6.7	6.5		
(S) 170-190	2.2	1.5	1.2							5.0	5.9	5.5		
200-220	2.2	1.5	.2							4.0	5.1	4.0		
230-250	2.2	1.7	.2							4.2	4.9	4.0		
(W) 260-280	3.0	2.7	1.0							6.7	6.0	6.0		
290-310	.5	2.7	.7							4.0	7.3	8.0		
320-340	2.0	3.5	1.5							6.9	6.1	6.0		
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	31.4	44.3	17.4	.4	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 404

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.6	.6									4.4	6.0	5.5
020-040	2.0	3.8	1.2									7.0	6.5	6.0
050-070	2.0	4.4	.2									6.6	5.5	5.0
(E) 080-100	2.8	2.2	.4									5.4	4.6	4.0
110-130	3.0	1.8	.4									5.2	4.4	4.0
140-160	2.2	1.0	.6									3.8	4.7	4.0
(S) 170-190	3.4	1.6	.6									5.6	4.8	4.0
200-220	2.8	1.6	.2									4.6	4.5	4.0
230-250	4.2	4.6	.2									9.0	4.7	5.0
(W) 260-280	4.0	3.0	1.4									8.4	5.2	5.0
290-310	4.4	2.8	.4									7.6	4.7	4.0
320-340	2.0	2.4	1.4									5.8	6.3	6.0
VARIABLE														
CALM	////////////////////											26.6	////////	
TOTALS	34.0	31.8	7.6									100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 500

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.1	2.1									6.4	7.5	7.0
020-040	1.4	2.2	2.4									6.1	7.5	8.0
050-070	1.6	5.6	1.2									8.3	6.3	6.0
(E) 080-100	1.9	2.8	1.1									5.8	6.1	5.0
110-130	2.7	3.7	1.6									7.9	6.2	5.0
140-160	2.0	2.3	.7									5.0	5.8	5.0
(S) 170-190	2.2	3.1	.9		.1							6.3	6.0	5.0
200-220	1.3	2.8	2.3									6.4	7.4	8.0
230-250	2.8	5.1	2.9	.1								10.9	6.9	6.5
(W) 260-280	3.0	6.6	4.6	.1								14.2	7.3	7.5
290-310	1.7	5.1	4.7	.1								11.6	8.0	8.0
320-340	1.6	1.9	2.7	.3								6.4	8.1	8.0
VARIABLE														
CALM	////////////////////											4.6	////////	
TOTALS	23.4	44.3	27.2	.6	.1							100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.3	2.2									4.4	8.3	9.0
020-040	.6	2.4	1.1									4.1	7.4	7.0
050-070	1.2	1.8	.6									3.6	6.3	6.0
(E) 080-100	1.3	3.8	.3									5.4	5.6	6.0
110-130	2.3	3.9	1.9									8.1	6.5	6.0
140-160	1.9	4.2	1.1	.1								7.3	6.5	6.0
(S) 170-190	2.6	4.1	.8	.1								7.6	6.1	6.0
200-220	1.9	4.7	2.7	.2								9.4	7.6	8.0
230-250	1.8	6.4	5.0									13.2	7.9	8.0
(W) 260-280	1.2	4.8	7.6	.2								13.8	9.0	10.0
290-310	1.6	5.0	6.7	.3								13.6	8.7	10.0
320-340	1.4	2.8	3.0	.2								7.4	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	18.7	45.2	33.0	1.1								100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.9	1.3									4.2	7.1	7.0
020-040	1.0	1.4	1.1	.1								3.7	7.2	8.0
050-070	.8	1.6	.5									2.9	6.2	6.0
(E) 080-100	1.5	1.9	.5									3.9	5.4	5.0
110-130	1.6	3.8	1.5									6.9	6.6	6.0
140-160	1.5	3.9	2.0									7.4	6.8	7.0
(S) 170-190	2.3	3.8	1.8									7.8	6.6	7.0
200-220	2.6	3.9	2.3	.1								9.0	6.9	7.0
230-250	1.4	5.5	5.3	.3								12.5	8.4	8.0
(W) 260-280	2.6	5.9	6.9	.6								16.1	8.3	8.5
290-310	.8	7.1	6.1									13.9	8.4	8.0
320-340	1.3	2.9	3.9									8.1	8.2	9.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	18.4	43.6	33.2	1.1								100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 793

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 18-20

DIRECTION / (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.2	1.1									3.4	7.1	8.0
020-040	1.5	1.1	.3									2.9	5.2	4.0
050-070	1.1	.9	.5									2.5	5.2	5.0
(E) 080-100	1.1	1.1	.2									2.3	5.0	5.0
110-130	4.3	3.4	.8									8.5	4.9	4.0
140-160	2.6	2.9	.6									6.2	5.4	5.0
(S) 170-190	2.6	3.7	.6									6.9	5.7	5.0
200-220	3.7	1.5	1.1	.2								6.5	5.3	4.0
230-250	4.2	2.3	1.2									7.7	4.8	4.0
(W) 260-280	4.5	4.5	1.8									10.8	5.8	5.0
290-310	2.8	4.6	1.7									9.1	6.1	6.0
320-340	2.2	1.4	1.7									5.2	6.4	6.0
VARIABLE														
CALM	////////////////////											28.0	////////	
TOTALS	31.7	28.6	11.6	.2								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 21-23

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.6	.4	.2								3.1	6.3	6.0
020-040	1.6	1.5	.4									3.5	5.1	5.0
050-070	1.3	.7	.2									2.2	4.1	3.0
(E) 080-100	1.1	.5	.2									1.8	5.0	3.0
110-130	3.7	2.6										6.2	4.3	3.5
140-160	5.5	2.9	.2									8.6	3.9	3.0
(S) 170-190	2.2	3.1	1.3									6.6	5.9	5.0
200-220	2.4	.7	.2									3.3	4.4	3.5
230-250	2.4	1.5	.7									4.6	5.0	4.0
(W) 260-280	2.9	3.3	.2									6.4	5.1	5.0
290-310	.9	.9	1.5									3.3	7.3	8.0
320-340	1.3	1.5	1.1									3.8	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											46.6	////////	
TOTALS	26.2	20.8	6.4	.2								100.0	2.7	5.0

TOTAL NUMBER OF OBSERVATIONS 547

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.0	2.0	1.4	.0								4.5	7.3	7.0
020-040	1.3	2.0	1.2	.0								4.5	6.8	7.0
050-070	1.3	2.6	.6									4.5	5.9	6.0
(E) 080-100	1.6	2.2	.5									4.3	5.5	5.0
110-130	2.8	3.3	1.2									7.3	5.8	5.0
140-160	2.4	3.0	.9	.0								6.4	5.7	5.0
(S) 170-190	2.5	3.4	1.0	.0	.0							6.9	6.0	5.0
200-220	2.4	2.8	1.7	.1								6.9	6.6	6.0
230-250	2.6	4.5	2.9	.1								10.2	6.9	7.0
(W) 260-280	2.9	4.9	4.3	.2								12.3	7.4	8.0
290-310	1.9	4.6	4.0	.1								10.5	7.7	8.0
320-340	1.6	2.2	2.5	.1								6.4	7.5	8.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	24.3	37.5	22.2	.6								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.2	1.6	.4	.4								3.5	6.4	6.0
020-040	2.3	5.1	3.9								11.3	7.0	6.0	
050-070	2.3	3.1	1.2								6.6	6.3	6.0	
(E) 080-100	5.5	5.1	1.2								11.7	5.5	5.0	
110-130	9.8	2.7	2.0								14.5	4.6	4.0	
140-160	5.5	1.6	1.6								8.6	5.2	4.0	
(S) 170-190	4.3	2.7	.8								7.8	4.8	4.0	
200-220	3.5	1.6								5.1	4.3	4.0		
230-250	2.7	4.7	2.3								9.8	6.4	6.0	
(W) 260-280	2.3	2.3								4.7	5.0	4.5		
290-310	.8	1.2	.4								2.3	6.0	6.0	
320-340	1.2	.8	1.2								3.1	6.5	7.0	
VARIABLE														
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	41.4	32.5	15.0	.4								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 256

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.6	.1									2.9	5.1	5.0
020-040	2.1	6.0	1.0									9.2	6.1	6.0
050-070	3.6	3.7	1.0									8.3	5.8	5.0
(E) 080-100	2.9	2.0	.1									5.0	4.3	4.0
110-130	2.4	.7										3.1	3.2	3.0
140-160	3.4	.9										4.3	3.4	3.0
(S) 170-190	2.7	1.1										3.9	3.8	3.0
200-220	5.3	1.6										6.9	3.5	3.0
230-250	5.0	3.3	.6									8.9	4.5	4.0
(W) 260-280	4.0	2.7	.3									7.0	4.4	4.0
290-310	3.6	1.1	.1									4.9	3.9	3.0
320-340	2.3	.7	.3									3.3	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	38.4	25.4	3.5									100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 699

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.9	.8									4.5	6.5	6.5
020-040	2.7	6.4	1.9									11.1	6.6	7.0
050-070	1.5	3.7	.8									6.0	6.2	6.0
(E) 080-100	2.1	3.2	1.2									6.6	6.4	6.0
110-130	2.9	2.7	.1									5.8	4.8	4.0
140-160	2.0	2.3										4.3	4.7	5.0
(S) 170-190	1.7	3.4	.5									5.5	5.8	6.0
200-220	3.5	5.6	1.4		.1							10.6	6.1	6.0
230-250	4.3	9.3	1.1									14.7	5.9	6.0
(W) 260-280	4.3	6.9	1.2									12.4	5.8	5.0
290-310	2.8	4.3	.7									7.8	5.8	6.0
320-340	1.7	2.7	.9									5.3	6.2	6.0
VARIABLE														
CALM	////////////////////											5.4	////////	
TOTALS	30.3	53.4	10.6		.1							100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 885														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.6	.8									5.4	6.7	7.0
020-040	2.3	5.0	1.1									8.4	6.3	6.0
050-070	1.8	3.7	1.4									6.9	6.4	6.0
(E) 080-100	1.8	2.7	.2									4.8	5.2	5.0
110-130	2.0	2.7	.2									5.0	5.1	5.0
140-160	1.1	3.5	.7									5.3	6.3	6.0
(S) 170-190	2.0	4.6	1.9									8.6	6.7	6.0
200-220	3.7	5.8	2.9									12.5	6.5	6.0
230-250	3.3	6.8	5.2	.1								15.4	7.5	7.5
(W) 260-280	2.6	5.1	2.6									10.3	6.8	6.0
290-310	2.4	3.3	2.9									8.6	7.1	7.0
320-340	1.5	2.6	1.7									5.8	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////	
TOTALS	25.5	49.4	21.6	.1								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 15-17

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL x	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.9	2.1									5.5	7.7	8.0
020-040	1.8	4.3	1.2									7.3	6.4	6.0
050-070	3.7	3.9	.4									8.0	5.4	5.0
(E) 080-100	1.7	2.1										3.7	4.8	5.0
110-130	1.9	2.8	.7									5.4	5.8	5.0
140-160	2.4	3.5	1.5	.1								7.5	6.5	6.0
(S) 170-190	2.6	4.4	2.5	.1								9.7	6.8	6.0
200-220	3.5	6.1	2.1									11.6	6.2	6.0
230-250	3.9	5.8	2.5									12.2	6.5	6.5
(W) 260-280	2.4	4.8	3.9									11.1	7.4	8.0
290-310	1.1	4.0	3.5	.1								8.7	8.1	8.0
320-340	1.1	3.0	1.2									5.4	6.8	6.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	27.6	46.6	21.6	.3								100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 722														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC88  
MONTH: MAY HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	1.7	.5									3.6	5.3	5.0
020-040	3.3	1.7	.8									5.8	5.1	4.0
050-070	4.6	1.6	.2									6.3	3.9	4.0
(E) 080-100	2.7	.8	.2									3.6	4.0	4.0
110-130	3.8	2.2										6.0	4.0	3.5
140-160	4.1	4.6	.6									9.3	5.0	5.0
(S) 170-190	5.0	5.0	1.9									11.9	5.5	5.0
200-220	3.9	2.4	.3									6.6	4.1	4.0
230-250	3.0	1.4	.6									5.0	4.3	4.0
(W) 260-280	3.1	2.8	.9									6.9	5.2	5.0
290-310	1.9	3.0	1.4	.2								6.4	6.9	7.0
320-340	1.1	1.1	.3									2.5	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											25.9	////////	
TOTALS	37.9	28.3	7.7	.2								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 21-23

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	2.1	1.8	.3									4.2	4.9
020-040	3.4	1.8	.5									5.7	4.5
050-070	1.0	1.3										2.3	4.2
(E) 080-100	1.3	1.0										2.3	4.0
110-130	4.9	.8										5.7	3.0
140-160	6.3	2.3										8.6	3.7
(S) 170-190	6.0	4.7	1.6									12.2	5.0
200-220	1.6	1.6										3.1	4.7
230-250	1.8	.3										2.1	3.0
(W) 260-280	.5	2.3	.3									3.1	6.5
290-310	2.1	.3										2.3	3.6
320-340	1.6	.8										2.3	3.6
VARIABLE													
CALM	////////////////////////////////////											45.8	////////
TOTALS	32.6	19.0	2.7									100.0	2.3
TOTAL NUMBER OF OBSERVATIONS 384													

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.2	2.4	.8									4.4	6.4	6.0
020-040	2.5	4.6	1.2									8.3	6.1	6.0
050-070	2.7	3.2	.7									6.6	5.6	5.0
(E) 080-100	2.1	2.1	.4									4.6	5.2	5.0
110-130	2.8	2.1	.2									5.1	4.6	4.0
140-160	2.8	2.9	.5	.0								6.2	5.2	5.0
(S) 170-190	3.0	3.8	1.4	.0								8.2	5.9	5.0
200-220	3.7	4.2	1.3		.0							9.3	5.7	5.0
230-250	3.7	5.2	1.9	.0								10.8	6.1	6.0
(W) 260-280	3.0	4.4	1.7									9.2	6.1	6.0
290-310	2.4	2.9	1.6	.0								6.9	6.5	6.0
320-340	1.5	2.0	.9									4.4	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////	
TOTALS	31.4	39.8	12.6									100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 4208

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.9	2.6	.7									5.2	5.3	5.5
020-040	4.5	5.6	4.1									14.2	6.6	6.5
050-070	3.7	7.1	1.5									12.4	5.9	5.0
(E) 080-100	3.7	3.4										7.1	4.4	4.0
110-130	4.9	2.6										7.5	3.9	3.0
140-160	3.7	1.9										5.6	3.9	4.0
(S) 170-190	3.4	1.9										5.2	4.2	3.5
200-220	3.7	2.2										6.0	4.0	4.0
230-250	5.6	2.2										7.9	4.0	4.0
(W) 260-280	2.2	.4	.4									3.0	4.4	3.0
290-310	1.1	2.6		.4								4.1	6.6	6.0
320-340	.7		.4									1.1	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////	
TOTALS	39.1	32.5	7.1	.4								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 267

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 06-08

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.3	.3									3.0	5.2	5.0
020-040	3.2	3.2	.3									6.8	5.1	5.0
050-070	3.2	5.2	1.1									9.6	5.9	5.0
(E) 080-100	2.8	1.0	.1									3.9	3.6	3.0
110-130	3.4	.6										3.9	3.1	3.0
140-160	2.4	.1										2.5	2.7	2.0
(S) 170-190	2.1	.4										2.5	3.2	3.0
200-220	4.4	.8										5.2	3.3	3.0
230-250	6.6	6.6	.6									13.8	4.8	5.0
(W) 260-280	4.9	3.5	.1									8.6	4.2	4.0
290-310	5.1	2.0										7.0	3.3	2.0
320-340	2.3	.8	.1									3.2	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											30.0	////////	
TOTALS	41.8	25.5	2.6									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
.....														
(N) 350-010	.9	2.0	.6									3.4	6.4	7.0
020-040	1.9	3.4	1.2									6.6	6.3	6.0
050-070	3.7	6.3	1.8									11.8	6.2	6.0
(E) 080-100	2.6	2.9	.4									5.9	5.2	5.0
110-130	4.1	3.0	.3									7.4	4.6	4.0
140-160	2.0	1.2	.1									3.3	4.3	4.0
(S) 170-190	3.1	2.4	.2									5.8	4.6	4.0
200-220	2.8	2.6	.2									5.6	4.9	4.5
230-250	5.7	9.1	1.4									16.2	5.7	5.0
(W) 260-280	5.9	7.9	1.8									15.6	5.8	6.0
290-310	2.7	4.2	.9									7.8	5.7	5.0
320-340	2.6	1.1	.2									3.9	4.5	4.0
.....														
VARIABLE														
CALM	////////////////////////////////////											6.8	////////////////////////////////	
TOTALS	38.0	46.1	9.1									100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.4	.4									2.9	6.0	6.0
020-040	1.7	3.6	.4									5.7	5.5	5.0
050-070	2.6	5.6	1.3									9.4	6.3	6.0
(E) 080-100	3.8	3.2	.9									7.9	5.4	5.0
110-130	3.4	3.8	1.1									8.3	5.6	5.0
140-160	3.0	3.2	1.1									7.3	5.5	5.0
(S) 170-190	2.2	3.7	.6									6.4	5.4	5.0
200-220	3.9	4.0	.7									8.6	5.5	5.0
230-250	4.4	8.8	2.2									15.4	6.4	6.0
(W) 260-280	3.3	7.4	2.3									13.1	6.6	6.0
290-310	2.1	3.9	1.4									7.4	6.5	6.0
320-340	2.2	2.1	.6	.1								5.0	5.8	5.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	33.6	50.7	13.0	.1								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC88  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.4										3.0	4.6	4.0
020-040	3.0	2.3	.5	.1								6.0	5.4	4.5
050-070	3.8	4.4	.7									8.9	5.1	5.0
(E) 080-100	4.0	2.3	.5									6.9	4.7	4.0
110-130	3.6	4.8	1.1									9.5	5.5	5.0
140-160	3.6	3.8	.7									8.1	5.6	5.0
(S) 170-190	3.8	5.9	1.2									11.0	5.9	6.0
200-220	2.3	3.6	1.1									7.0	6.0	6.0
230-250	2.6	7.8	1.8									12.2	6.6	7.0
(W) 260-280	2.5	5.3	2.5	.1	.1							10.6	6.8	6.0
290-310	2.1	4.5	1.1									7.7	6.3	6.0
320-340	1.8	1.8	.7		.1							4.4	6.0	5.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	34.7	47.9	11.9	.2	.2							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 729

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 18-20

		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		1.1	1.1	.6									2.8	5.7
020-040		2.2	.9	.5									3.6	4.8
050-070		2.7	1.9										4.5	3.9
(E) 080-100		3.7	.9	.2									4.8	3.6
110-130		7.2	3.6	.6									11.4	4.1
140-160		5.0	3.3	.8									9.0	4.4
(S) 170-190		4.1	4.5	.8									9.4	5.0
200-220		3.7	2.7	.3									6.7	4.6
230-250		3.7	2.2										5.9	4.0
(W) 260-280		3.3	2.0	.8									6.1	4.9
290-310		1.6	1.2	.9									3.7	5.8
320-340		1.6	.8										2.3	3.5
VARIABLE														
CALM		////////////////////										29.6	////////////////	
TOTALS		39.9	25.1	5.5									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 21-23

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5										.8	4.3	5.0
020-040	3.3	1.0										4.3	2.9	2.0
050-070	2.8	.5	.3									3.6	3.8	3.0
(E) 080-100	1.5	1.0	.3									2.8	4.3	3.0
110-130	6.1	3.3	.3									9.7	4.1	3.0
140-160	4.1	1.8										5.9	3.4	2.0
(S) 170-190	3.1	2.6	.3									5.9	4.7	4.0
200-220	3.8	2.0	.5									6.4	4.5	3.0
230-250	1.8	1.3										3.1	4.0	3.5
(W) 260-280	2.0	.3										2.3	3.3	3.0
290-310	.3	.3	.3									.8	7.0	9.0
320-340	.5	.3										.8	4.3	3.0
VARIABLE														
CALM	////////////////////											53.7	////////	
TOTALS	29.6	14.9	2.0									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 391

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
													WIND
(N) 350-010	1.1	1.4	.4									2.8	5.6
020-040	2.4	2.6	.6	.0								5.7	5.3
050-070	3.2	4.4	1.0									8.6	5.7
(E) 080-100	3.2	2.1	.4									5.7	4.7
110-130	4.4	3.2	.6									8.2	4.7
140-160	3.2	2.3	.5									5.9	4.7
(S) 170-190	3.0	3.3	.5									6.8	5.1
200-220	3.4	2.7	.5									6.6	5.0
230-250	4.4	6.6	1.2									12.2	5.7
(W) 260-280	3.9	5.1	1.4	.0	.0							10.4	5.8
290-310	2.5	3.0	.8									6.3	5.6
320-340	2.0	1.3	.3	.0	.0							3.6	5.0
VARIABLE													
CALM	////////////////////											17.1	////////
TOTALS	36.7	38.0	8.2									100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRE TION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.7	2.4	2.1									5.2	7.5	8.0
020-040	2.1	3.1	.3									5.6	5.1	5.0
050-070	3.5	2.4	1.4									7.3	5.7	5.0
(E) 080-100	4.5	.7	1.0									6.3	4.2	3.0
110-130	7.0	2.4										9.4	3.6	3.0
140-160	3.1	.7										3.8	3.4	3.0
(S) 170-190	3.1	1.7	.7									5.6	4.4	3.5
200-220	3.8	1.4	1.4									6.6	5.3	4.0
230-250	7.3	4.9										12.2	4.3	4.0
(W) 260-280	5.9	.7	.3									7.0	4.1	3.5
290-310	3.8	1.0										4.9	3.9	4.0
320-340	1.0	1.4	1.0		.3							3.8	7.7	5.0
VARIABLE														
CALM	////////////////////////////////////											22.0	////////	
TOTALS	45.8	22.8	8.2		.3							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 06-08

		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		1.7	.3	.1									2.2	3.7
020-040		4.3	2.3	.9									7.5	4.8
050-070		4.6	3.5	.6									8.6	4.9
(E) 080-100		2.9	.4	.1									3.5	3.3
110-130		1.9	.3										2.2	3.1
140-160		1.9	.4										2.3	3.3
(S) 170-190		2.7	.7										3.5	3.3
200-220		4.6	1.9										6.5	3.5
230-250		8.9	4.0	.6									13.5	4.1
(W) 260-280		4.6	2.2										6.8	3.9
290-310		2.9	.3										3.2	2.9
320-340		1.0	.3										1.3	3.1
VARIABLE														
CALM		////////////////////////////////////										39.0	////////////////////////////////	
TOTALS		42.0	16.6	2.3									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 694

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.....														
(N) 350-010	1.9	.9	.2									3.1	4.6	4.0
020-040	2.4	3.2	.6									6.2	5.3	5.0
050-070	3.4	4.4	1.0									8.8	5.7	5.0
(E) 080-100	3.4	3.3	.2									7.0	4.6	5.0
110-130	3.1	2.3										5.4	4.4	4.0
140-160	2.9	.8										3.7	3.5	3.0
(S) 170-190	3.9	1.8										5.7	3.7	3.0
200-220	4.8	4.8										9.6	4.7	4.5
230-250	7.1	7.7	1.5									16.3	5.2	5.0
(W) 260-280	4.2	6.9	1.1									12.3	5.5	5.0
290-310	4.7	4.1	.6									9.4	5.1	4.5
320-340	2.4	.8	.1									3.3	3.9	3.0
.....														
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	44.2	41.0	5.3									100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 873



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	1.5	.7									4.0	5.7	5.0
020-040	1.8	2.5	.5									4.8	5.5	5.0
050-070	2.5	3.1	.6									6.2	5.6	6.0
(E) 080-100	2.6	3.0	.8									6.4	5.5	5.0
110-130	3.3	4.1	.3									7.8	4.9	5.0
140-160	3.4	3.0										6.4	4.7	4.0
(S) 170-190	3.1	4.1	.5									7.7	5.1	5.0
200-220	4.1	5.3	1.5									10.9	5.7	5.0
230-250	5.5	9.2	1.7									16.4	6.0	6.0
(W) 260-280	3.3	5.7	1.7									10.8	6.3	6.0
290-310	2.6	4.4	1.6									8.6	6.4	6.0
320-340	2.5	1.6	.7									4.8	5.1	4.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	36.5	47.5	10.6									100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 870														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATIONNUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 15-17

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.7										3.5	4.5	4.0
020-040	3.1	1.8	.1									5.0	4.3	4.0
050-070	2.5	3.3	.1									6.0	4.8	5.0
(E) 080-100	4.3	2.5	.3									7.1	4.5	4.0
110-130	5.3	4.2	.4									9.9	4.8	4.0
140-160	4.5	5.4	1.0									10.9	5.2	5.0
(S) 170-190	3.9	7.4	.6									11.9	5.6	6.0
200-220	3.9	4.6	1.0									9.5	5.4	5.0
230-250	2.9	6.6	1.8									11.3	6.2	6.0
(W) 260-280	3.5	5.7	1.0									10.2	5.9	6.0
290-310	2.9	3.2	.8									7.0	5.5	5.0
320-340	1.4	1.0	.4									2.8	5.4	4.5
VARIABLE														
CALM	////////////////////////////////////											5.0	////////	
TOTALS	40.0	47.4	7.5									100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

		WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION	DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.9	.3										1.3	3.6	3.0
020-040		2.8	.5	.2									3.5	3.4	3.0
050-070		2.5	1.6										4.1	3.9	4.0
(E) 080-100		3.5	1.4										4.9	3.9	4.0
110-130		6.8	2.8	.3									9.9	3.7	3.0
140-160		5.7	4.1	.5									10.2	4.4	4.0
(S) 170-190		6.6	5.3	.6									12.6	4.9	4.0
200-220		4.7	2.4										7.1	4.0	3.0
230-250		4.1	1.3	.2	.2								5.7	3.9	3.0
(W) 260-280		4.2	1.6	.2									6.0	3.6	3.5
290-310		1.1	.6	.6									2.4	5.5	5.0
320-340		2.0	.8	.2									3.0	4.3	4.0
VARIABLE															
CALM		////////////////////											29.6	////////	
TOTALS		44.9	22.7	2.8	.2								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.3										.8	3.7	4.0
020-040	.5	.5	.3									1.3	6.6	8.0
050-070	2.3	.5	.5									3.4	4.5	4.0
(E) 080-100	1.8	.3										2.1	2.8	2.0
110-130	3.6	.5										4.2	2.7	2.5
140-160	5.5	1.3										6.8	3.3	3.0
(S) 170-190	6.5	3.1										9.6	4.1	4.0
200-220	4.2	1.3	.3									5.7	4.0	3.0
230-250	2.9	.8	.3									3.9	4.0	3.0
(W) 260-280	2.1	.3	.3									2.6	3.7	2.5
290-310		.5										.5	7.0	7.0
320-340	.3											.3	1.0	1.0
VARIABLE														
CALM	////////////////////////////////////											59.0	////////////////////////////////	
TOTALS	30.2	9.4	1.7									100.0	1.6	3.0
TOTAL NUMBER OF OBSERVATIONS 385														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	1.6	.9	.2									2.7 4.7 4.0
020-040	2.6	2.0	.4									5.1 4.9 4.0
050-070	3.0	3.0	.5									6.5 5.1 5.0
(E) 080-100	3.2	2.1	.3									5.5 4.5 4.0
110-130	3.9	2.6	.2									6.7 4.3 4.0
140-160	3.8	2.5	.2									6.5 4.4 4.0
(S) 170-190	4.2	3.7	.3									8.2 4.7 4.0
200-220	4.4	3.7	.5									8.6 4.8 4.0
230-250	5.5	5.6	1.1	.0								12.2 5.2 5.0
(W) 260-280	3.8	4.2	.8									8.8 5.3 5.0
290-310	2.7	2.5	.7									5.9 5.4 5.0
320-340	1.8	.8	.3									2.9 4.6 4.0
VARIABLE												
CALM	////////////////////											20.3 //
TOTALS	40.5	33.6	5.5									100.0 3.9 4.0

TOTAL NUMBER OF OBSERVATIONS 4175

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	.3	.3									.8	6.7	6.0
020-040	4.8	2.8	.3									7.9	4.3	4.0
050-070	7.0	5.1	.6									12.6	4.9	4.0
(E) 080-100	2.8	.8	.6									4.2	4.4	4.0
110-130	2.8	.8										3.7	3.1	3.0
140-160	3.1	.3	.3									3.7	3.4	3.0
(S) 170-190	3.4	.3										3.7	3.0	3.0
200-220	3.7	2.0										5.6	3.5	3.0
230-250	8.1	2.2	2.0									12.4	4.8	4.0
(W) 260-280	2.8	.8										3.7	3.8	4.0
290-310	2.2	.3	.6									3.1	4.3	3.0
320-340	2.0	.3										2.2	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											36.5	////////////////////////////////	
TOTALS	43.0	16.0	4.7									100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 356

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.2	.3									2.7	4.9	5.0
020-040	3.1	3.1	.7									7.0	5.2	5.0
050-070	5.3	5.2	.1									10.7	4.6	4.5
(E) 080-100	2.5	1.9	.1									4.5	4.3	3.0
110-130	1.9	.4										2.3	3.1	2.0
140-160	1.5	.1										1.6	2.5	2.0
(S) 170-190	1.5	.7										2.2	3.6	3.5
200-220	3.1	1.0										4.1	3.1	3.0
230-250	5.3	2.5										7.8	3.5	3.0
(W) 260-280	4.0	1.1	.1									5.2	3.4	3.0
290-310	2.7	.3										3.0	3.1	2.5
320-340	1.4	.1										1.5	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											47.3	////////////////////////////////	
TOTALS	33.5	17.6	1.3									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 731

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.0	.1									3.4	5.0	5.0
020-040	2.9	4.6	.8									8.3	5.8	6.0
050-070	5.0	7.1	1.5									13.6	5.6	5.0
(E) 080-100	4.9	3.3	.9									9.0	4.8	4.0
110-130	3.5	2.2	.1									5.8	4.1	4.0
140-160	2.6	1.1	.2									3.9	4.3	4.0
(S) 170-190	3.5	1.4										4.9	3.4	3.0
200-220	4.9	2.8	.1									7.8	4.2	4.0
230-250	5.9	6.1	.9									12.8	5.0	5.0
(W) 260-280	6.1	5.2	.7									11.9	4.8	4.0
290-310	4.1	3.5	.4									8.0	4.9	4.0
320-340	2.1	.4										2.5	2.9	3.0
VARIABLE														
CALM	////////////////////											8.1	////////	
TOTALS	46.8	39.7	5.7									100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 921														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.6	.3									3.4	5.7	6.0
020-040	3.1	3.6	1.3									8.0	6.1	6.0
050-070	3.7	7.1	1.2									11.9	5.8	6.0
(E) 080-100	3.3	3.7	1.2									8.1	5.7	5.0
110-130	3.3	2.8	.5									6.6	4.9	5.0
140-160	2.9	3.5	.7									7.1	5.5	5.0
(S) 170-190	4.3	4.5	.5									9.3	4.9	5.0
200-220	3.4	3.9	1.3									8.6	5.8	5.0
230-250	4.8	7.4	1.3									13.5	5.6	5.0
(W) 260-280	3.1	4.9	1.1									9.1	5.6	5.0
290-310	2.9	3.6	.7	.1								7.3	5.7	5.0
320-340	2.0	1.2	.2									3.4	4.6	4.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	38.2	47.8	10.3	.1								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG8 SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.7	.7									3.5	6.5	6.0
020-040	2.8	3.9	.3									6.9	5.2	5.0
050-070	4.7	5.6	1.1									11.3	5.2	5.0
(E) 080-100	4.0	4.7	.3									8.9	5.0	5.0
110-130	4.3	3.3	.3									7.9	4.7	4.0
140-160	5.2	4.1	1.1	.1								10.5	5.1	5.0
(S) 170-190	4.9	5.6	1.1									11.6	5.1	5.0
200-220	4.0	5.6	.7									10.3	5.6	5.0
230-250	3.5	4.7	1.5									9.6	6.0	6.0
(W) 260-280	2.7	3.2	.9									6.8	5.5	5.0
290-310	2.3	2.1										4.4	4.8	4.0
320-340	1.1	.4	.1									1.6	4.2	3.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	40.6	44.9	8.1	.1								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 750														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: AUG HOURS: 18-20

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	.5	.8										1.2	4.6
020-040	3.5	1.8	.5	.2								5.9	4.7
050-070	3.5	1.1	.2									4.7	3.7
(E) 080-100	3.6	1.4										5.0	3.4
110-130	6.8	.9	.3									8.1	3.0
140-160	5.8	2.3										8.1	3.6
(S) 170-190	7.0	2.3	.5									9.7	4.0
200-220	4.4	2.7	.2									7.3	4.5
230-250	2.3	1.8										4.1	4.1
(W) 260-280	2.0											2.0	2.6
290-310	1.2	.3	.2									1.7	3.7
320-340	.8	.3										1.1	4.0
VARIABLE													
CALM	////////////////////////////////////											41.2	////////////////////////////////
TOTALS	41.4	15.7	1.9	.2								100.0	2.3 3.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.5										1.3	4.0	4.0
020-040	3.3	.3										3.5	2.6	2.0
050-070	2.8	1.5										4.3	3.6	3.0
(E) 080-100	2.0	.3										2.3	2.8	2.0
110-130	5.3	1.0										6.3	3.0	2.0
140-160	3.3	.5	.3									4.1	3.3	2.0
(S) 170-190	6.1	2.5										8.6	3.9	4.0
200-220	4.1	1.5										5.6	3.5	3.0
230-250	.8		.5									1.3	5.6	2.0
(W) 260-280	.8	.3	.3									1.3	4.4	4.0
290-310														
320-340	.8	.3										1.0	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											60.5	////////////////////////////////	
TOTALS	30.1	8.7	1.1									100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 395

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65-69	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	1.1	1.4	.3									2.8
020-040	3.1	3.2	.7	.0								7.0
050-070	4.3	5.1	.8									10.2
(E) 080-100	3.5	2.8	.5									6.9
110-130	4.0	1.9	.2									6.1
140-160	3.5	2.1	.4	.0								6.0
(S) 170-190	4.3	2.9	.4									7.6
200-220	4.0	3.1	.4									7.5
230-250	4.1	4.3	.8									9.2
(W) 260-280	3.4	2.9	.6									6.9
290-310	2.5	1.9	.3	.0								4.7
320-340	1.4	.5	.1									2.0
VARIABLE												
CALM	////////////////////											23.2
TOTALS	39.2	32.1	5.5									100.0

TOTAL NUMBER OF OBSERVATIONS 4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	.5	1.2	.5									2.2	6.4
020-040	2.9	4.1	1.9									9.0	6.5
050-070	7.7	6.5	.2									14.5	4.4
(E) 080-100	3.1	3.1	1.0									7.3	5.3
110-130	4.1	1.0										5.1	3.2
140-160	1.5	.5	.2									2.2	4.3
(S) 170-190	2.2	.5										2.7	3.6
200-220	3.9	3.1	1.0									8.0	5.2
230-250	4.8	1.7	1.0									7.5	4.2
(W) 260-280	3.4	.5										3.9	3.1
290-310	1.5		.2									1.7	4.0
320-340	1.7	.2	.2									2.2	4.2
VARIABLE													
CALM	////////////////////////////////////											33.9	////////
TOTALS	37.3	22.4	6.2									100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 413

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	1.6	.4									5.2	4.4	4.0
020-040	8.2	8.5	.3									16.9	4.8	5.0
050-070	8.0	7.4	1.3									16.8	5.0	5.0
(E) 080-100	1.5	.4										1.9	3.2	3.0
110-130	1.0	.1										1.2	2.9	2.5
140-160	.9											.9	2.8	3.0
(S) 170-190	1.0											1.0	2.1	2.0
200-220	2.0	.7	.3									3.1	4.2	3.0
230-250	2.0	.3										2.3	3.4	3.0
(W) 260-280	2.6	.3										2.9	3.0	3.0
290-310	1.2	.1										1.3	2.2	2.0
320-340	1.2	.3										1.5	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											45.0	////////	
TOTALS	32.8	19.7	2.3									100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.6	1.1									5.5	5.2	4.0
020-040	5.3	7.5	2.5									15.2	5.8	5.5
050-070	5.8	11.7	3.7									21.3	6.3	6.0
(E) 080-100	4.1	4.8	.8									9.7	5.2	5.0
110-130	2.1	2.2	.1									4.4	4.8	5.0
140-160	1.1	.2										1.3	3.1	3.0
(S) 170-190	1.6	.5										2.1	3.7	2.5
200-220	4.1	.5										4.6	3.2	3.0
230-250	5.7	3.0	.4									9.1	4.2	4.0
(W) 260-280	4.7	2.9	.6									8.2	4.5	4.0
290-310	3.7	1.6	.2									5.6	4.2	4.0
320-340	2.3	.6	.2									3.2	3.9	3.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	43.3	37.1	9.6									100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 855



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.9	.7									4.4	5.5	5.0
020-040	4.3	6.7	2.2									13.2	6.3	6.0
050-070	6.0	10.1	3.0									19.1	6.2	6.0
(E) 080-100	4.4	5.0	1.2									10.6	5.5	5.0
110-130	3.9	2.2	.2									6.3	4.5	4.0
140-160	3.2	1.8										4.9	4.0	4.0
(S) 170-190	1.9	1.3	.1									3.3	4.5	4.0
200-220	2.9	1.8										4.7	4.0	4.0
230-250	4.1	4.7	.8									9.6	5.2	5.0
(W) 260-280	4.6	3.2	1.1									8.8	5.1	4.0
290-310	2.1	2.1	.4									4.6	4.9	5.0
320-340	2.1	1.9	.5									4.4	5.2	5.0
VARIABLE														
CALM	////////////////////											6.1	////////	
TOTALS	41.4	42.7	10.2									100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.4	.6									4.7	5.1	4.0
020-040	4.4	5.5	1.8									11.7	5.8	6.0
050-070	7.5	8.0	1.3									16.8	5.2	5.0
(E) 080-100	5.2	4.9	.6									10.7	4.7	5.0
110-130	4.2	2.1										6.3	3.9	4.0
140-160	3.5	1.0	.1									4.7	3.8	3.0
(S) 170-190	3.9	2.1										6.1	4.1	4.0
200-220	4.5	1.4	.1									6.1	4.0	3.0
230-250	5.1	2.5	.6									8.2	4.1	4.0
(W) 260-280	4.2	2.1	.3									6.6	4.3	4.0
290-310	3.1	2.1	.8									6.1	5.4	4.0
320-340	2.0	2.5	.4									4.9	5.5	5.0
VARIABLE														
CALM	////////////////////											7.2	////////	
TOTALS	50.3	35.6	6.6									100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 709														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS													TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION ! (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.5	.6	.3										1.4	5.8	5.0
020-040	5.4	3.0	.3										8.8	4.1	4.0
050-070	5.0	3.7	.5										9.1	4.9	4.0
(E) 080-100	3.7	1.4	.2										5.3	3.8	3.0
110-130	4.8	.3											5.1	2.5	2.0
140-160	1.4	1.0											2.4	4.0	3.0
(S) 170-190	2.7												2.7	2.8	3.0
200-220	2.9	.3											3.2	2.9	2.5
230-250	1.9												1.9	2.5	2.0
(W) 260-280	1.0		.2										1.1	3.9	3.0
290-310	.3	.3											.6	4.8	5.0
320-340	.8	.5											1.3	3.4	2.0
VARIABLE															
CALM	////////////////////////////////////												57.0	////////	
TOTALS	30.4	11.1	1.5										100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 625

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5										.8	4.3	5.0
020-040	4.9	3.4	.5									8.9	4.5	4.0
050-070	6.0	2.9	.8	.3								9.9	4.8	4.0
(E) 080-100	3.6											3.6	3.1	3.0
110-130	1.6											1.6	2.7	2.5
140-160	2.9											2.9	2.7	3.0
(S) 170-190	2.6	.8	.3									3.6	3.6	2.5
200-220	1.3											1.3	2.2	2.0
230-250	.8											.8	2.3	2.0
(W) 260-280	.5											.5	2.0	2.0
290-310	.8											.8	2.3	2.0
320-340	.5	.3										.8	3.3	4.0
VARIABLE														
CALM	////////////////////////////////////											64.6	////////////////////////////////	
TOTALS	25.8	7.9	1.6	.3								100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 384

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.1	1.4	.6									4.0	5.1	4.0
020-040	5.4	6.1	1.4									12.9	5.4	5.0
050-070	6.4	8.0	2.0	.0								16.4	5.7	5.0
(E) 080-100	3.8	3.2	.5									7.5	4.8	4.0
110-130	3.0	1.4	.1									4.4	3.9	4.0
140-160	2.1	.7	.0									2.9	3.7	3.0
(S) 170-190	2.2	.8	.0									3.1	3.8	3.0
200-220	3.1	.9	.1									4.1	3.7	3.0
230-250	3.6	2.1	.3									6.1	4.4	4.0
(W) 260-280	3.3	1.7	.4									5.4	4.5	4.0
290-310	2.1	1.2	.3									3.5	4.6	4.0
320-340	1.6	1.1	.2									2.9	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											26.7	////////////////////////////////	
TOTALS	38.7	28.6	5.9									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 4114

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.5	1.8	.6									5.9	5.1	4.0
020-040	9.0	12.8	2.6									24.4	5.7	5.5
050-070	8.6	9.8	2.9	.2								21.4	5.8	5.0
(E) 080-100	3.1	1.2										4.3	4.0	4.0
110-130	2.9	.6	.2									3.7	3.8	3.0
140-160	1.8	1.0										2.9	3.8	3.0
(S) 170-190	1.4	.8										2.2	4.0	4.0
200-220	3.1	.4	.4									3.9	4.2	3.0
230-250	1.8	.8	.2									2.9	4.2	3.0
(W) 260-280	2.2											2.2	2.8	3.0
290-310	.8	.4										1.2	3.8	3.5
320-340	.8	.4										1.2	3.8	2.5
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	39.0	30.0	6.9	.2								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 491

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.6	.5									5.8	4.2	3.0
020-040	6.6	8.5	.8									15.9	5.2	5.0
050-070	3.3	6.0	.6									9.9	5.5	5.0
(E) 080-100	.9	.6										1.6	3.7	2.5
110-130	.9	.5										1.4	3.2	2.0
140-160	.5	.5										.9	4.3	4.5
(S) 170-190	1.3	.3	.2									1.7	3.8	3.0
200-220	1.6	.3										1.9	3.2	3.0
230-250	2.2	.3	.3									2.8	4.2	3.5
(W) 260-280	1.6	.9										2.5	3.8	3.5
290-310	1.1	.6										1.7	3.8	3.0
320-340	2.7	1.1										3.8	3.9	3.5
VARIABLE														
CALM	////////////////////////////////////											49.9	////////////////////////////////	
TOTALS	26.5	21.2	2.4									100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	1.4									5.3	7.0	7.0
020-040	4.6	11.6	3.0									19.1	6.5	6.0
050-070	4.0	12.7	3.3									20.0	6.7	7.0
(E) 080-100	3.8	4.1	.2									8.1	4.8	5.0
110-130	3.2	1.0	.3									4.6	4.3	4.0
140-160	1.7	1.0	.1									2.8	4.1	4.0
(S) 170-190	1.9	.9	.1									3.0	4.2	4.0
200-220	3.4	2.5	.3									6.3	4.8	4.0
230-250	4.1	3.9	.5									8.4	4.9	5.0
(W) 260-280	2.4	4.2	.3									6.9	5.8	6.0
290-310	1.1	1.4	.5									3.0	5.5	5.5
320-340	.8	1.4	.8									3.0	6.5	6.0
VARIABLE														
CALM	////////////////////											9.6	////////	
TOTALS	32.0	47.7	10.8									100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 879



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 12-14

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.6	2.2									6.7	7.0	7.0
020-040	2.6	8.8	3.0									14.3	6.7	6.0
050-070	4.2	10.7	1.9									16.8	6.2	6.0
(E) 080-100	3.3	4.6	.6									8.4	5.3	5.0
110-130	2.8	3.3	.1									6.3	4.5	5.0
140-160	1.8	1.7										3.5	4.4	4.0
(S) 170-190	1.9	2.4	.3									4.7	5.2	5.0
200-220	2.4	4.0	.8									7.2	6.0	6.0
230-250	2.7	4.8	1.1									8.6	6.1	6.0
(W) 260-280	2.3	5.1	1.8									9.2	6.5	6.0
290-310	2.0	2.7	1.4									6.1	6.2	6.0
320-340	1.6	2.2	1.9									5.7	6.9	6.5
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	29.5	52.9	15.1									100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PRIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.6	1.1									6.9	5.6	5.0
020-040	3.9	7.9	1.5									13.3	5.9	6.0
050-070	5.6	7.2	1.5									14.2	5.6	5.0
(E) 080-100	3.5	2.3	.3									6.1	4.4	4.0
110-130	2.7	1.9	.1									4.7	4.4	4.0
140-160	1.6	2.0	.4									4.1	5.1	5.0
(S) 170-190	3.0	2.2	.5									5.7	5.1	4.0
200-220	2.8	3.0	.4									6.2	5.2	5.0
230-250	2.2	4.3	.3									6.8	5.5	6.0
(W) 260-280	3.3	4.2	.8	.1								8.4	5.8	5.5
290-310	2.2	3.4	1.1									6.6	5.9	5.0
320-340	2.0	3.5	.5									6.1	5.6	5.0
VARIABLE														
CALM	////////////////////											10.8	////////	
TOTALS	36.1	44.5	8.5	.1								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 738														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 18-20

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.5	.2									2.9	3.5	2.0
020-040	6.2	2.2	.5									8.8	4.0	3.0
050-070	2.8	3.1	1.4									7.2	5.7	5.0
(E) 080-100	2.2	.5	.2									2.8	3.8	3.0
110-130	2.0	.3	.2									2.5	3.3	2.0
140-160	1.2	.2	.3									1.7	4.1	2.0
(S) 170-190	.9	.5										1.4	3.4	3.0
200-220	1.4	.2										1.5	2.6	2.0
230-250	2.0											2.0	2.3	2.0
(W) 260-280	1.4	.6	.2									2.2	4.1	3.5
290-310	.8	.8	.2									1.7	4.6	5.0
320-340	.8	.6	.2									1.5	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											63.8	////////////////////////////////	
TOTALS	24.0	9.5	3.4									100.0	1.5	3.0
TOTAL NUMBER OF OBSERVATIONS 650														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 21-23

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.8										2.3	3.5	2.0
020-040	5.7	3.9	.2									9.9	4.3	4.0
050-070	4.7	3.3	1.4									9.4	5.2	4.5
(E) 080-100	2.9	2.1										4.9	4.4	4.0
110-130	2.1		.2									2.3	3.2	2.0
140-160	1.0	.8										1.8	4.1	4.0
(S) 170-190	.6	.2										.8	3.5	3.5
200-220	1.4	.2										1.6	2.9	2.5
230-250	1.0											1.0	1.8	2.0
(W) 260-280	1.0											1.0	2.2	2.0
290-310		.4										.4	5.0	5.0
320-340	.4	.4										.8	3.8	3.5
VARIABLE														
CALM	////////////////////////////////////											63.7	////////////////////////////////	
TOTALS	22.2	12.1	1.8									100.0	1.5	4.0

TOTAL NUMBER OF OBSERVATIONS 487

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
													%	WIND	WIND
(N) 350-010		2.2	2.0	1.0									5.2	5.8	5.0
020-040		4.7	7.6	1.7									14.0	5.8	6.0
050-070		4.1	7.8	1.8									13.7	6.1	6.0
(E) 080-100		2.9	2.6	.2									5.7	4.7	4.0
110-130		2.4	1.3	.2									3.9	4.1	4.0
140-160		1.4	1.1	.1									2.6	4.5	4.0
(S) 170-190		1.7	1.2	.2									3.1	4.7	4.0
200-220		2.3	1.9	.3									4.5	5.0	4.0
230-250		2.5	2.6	.4									5.5	5.1	5.0
(W) 260-280		2.1	2.9	.6	.0								5.6	5.7	5.0
290-310		1.3	1.7	.6									3.6	5.7	5.0
320-340		1.4	1.6	.7									3.7	5.8	5.0
VARIABLE															
CALM		////////////////////////////////////											28.7	////////	
TOTALS		29.0	34.3	7.8									100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	2.5	1.0	.2									3.8	4.3
020-040	8.2	14.0	2.1									24.3	5.7
050-070	6.3	15.1	3.8									25.1	6.4
(E) 080-100	1.7	3.6	.6									5.9	5.9
110-130	1.9	1.3										3.1	4.1
140-160	1.5	1.5	.2									3.1	4.7
(S) 170-190	2.1	1.5	.2									3.8	4.4
200-220	1.3	2.5										3.8	5.3
230-250	2.3	.8	.2									3.3	4.1
(W) 260-280	1.0	1.9	.4									3.3	6.1
290-310	1.3	1.0	.6									2.9	5.9
320-340	1.5	1.0	1.0									3.6	6.1
VARIABLE													
CALM	////////////////////											14.0	////////
TOTALS	31.6	45.2	9.3									100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 478

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65-69			
(N) 350-010	2.0	2.3	.3									4.5	4.9	5.0
020-040	4.5	5.1	1.7									11.3	5.8	6.0
050-070	3.4	6.8										10.2	5.1	5.0
(E) 080-100	1.4	1.1										2.5	4.4	4.0
110-130	.8	1.4										2.3	5.4	5.0
140-160	2.8	.3										3.1	3.1	2.0
(S) 170-190		1.1	.3									1.4	7.8	7.0
200-220	1.1	1.1	.6									2.8	5.8	5.5
230-250	2.8	1.1	.3									4.2	4.3	4.0
(W) 260-280	.8	.6	.8									2.3	6.4	6.0
290-310	3.4	1.1										4.5	3.1	2.0
320-340	1.1	1.1	1.1									3.4	6.3	6.5
VARIABLE														
CALM	////////////////////////////////////											47.5	////////////////////////////////	
TOTALS	24.1	23.1	5.1									100.0	2.7	5.0

TOTAL NUMBER OF OBSERVATIONS 354

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.6	.9		.1							4.5	7.2	8.0
020-040	2.1	7.5	2.9	.2								12.7	7.3	7.5
050-070	3.9	8.6	2.2									14.7	6.3	6.0
(E) 080-100	4.2	3.7	.1									7.9	4.6	4.0
110-130	3.5	2.9	.1									6.6	4.4	4.0
140-160	2.8	1.6	.2									4.6	4.7	4.0
(S) 170-190	2.1	1.0	.6									3.7	5.0	4.0
200-220	1.6	1.8	.9									4.3	6.0	5.0
230-250	2.9	3.2	2.1									8.2	6.3	6.0
(W) 260-280	2.6	2.9	1.2									6.7	6.1	6.0
290-310	1.3	3.9	1.5	.1								6.8	7.1	7.0
320-340	1.3	2.7	1.0									5.0	6.5	6.0
VARIABLE														
CALM	////////////////////											14.2	////////	
TOTALS	29.3	42.4	13.7	.3	.1							100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 818														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 12-14

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	1.0	3.7	.7									5.4
020-040	2.1	7.1	2.6									11.7
050-070	2.1	6.8	2.4									11.4
(E) 080-100	3.1	2.9	.1									6.1
110-130	3.8	3.4	.1									7.3
140-160	2.3	2.1	.1									4.5
(S) 170-190	1.5	3.5	.5									5.5
200-220	2.4	2.2	1.3	.4								6.3
230-250	2.9	5.4	3.5									11.8
(W) 260-280	3.3	4.3	2.3									9.9
290-310	2.0	4.6	3.2	.1								9.9
320-340	1.2	3.4	1.2									5.9
VARIABLE												
CALM	////////////////////										4.3	////////////////
TOTALS	27.7	49.4	18.0	.5								100.0

TOTAL NUMBER OF OBSERVATIONS 819

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG2 SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.1	.8									5.9	5.9	6.0
020-040	3.1	6.0	1.1									10.2	5.8	6.0
050-070	4.2	6.9	.3									11.3	5.1	5.0
(E) 080-100	2.4	1.2	.1									3.8	4.0	4.0
110-130	2.3	3.0	.3									5.5	5.0	5.0
140-160	2.0	1.6	.1									3.8	4.9	4.0
(S) 170-190	2.6	1.7	.9									5.2	5.2	5.0
200-220	1.7	2.3	.9									5.0	6.2	5.0
230-250	3.0	5.2	1.7									9.9	6.3	6.0
(W) 260-280	2.8	4.0	2.2									9.0	6.7	6.0
290-310	2.4	4.6	2.4									9.4	6.8	7.0
320-340	2.7	2.6	.8									6.0	5.7	5.0
VARIABLE														
CALM	////////////////////											14.9	////////	
TOTALS	31.2	42.2	11.6									100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 744														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 18-20

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	4.5	1.2	.3									6.0
020-040	4.5	3.1	.7									8.2
050-070	3.3	2.6	.2									6.0
(E) 080-100	1.5	.7										2.2
110-130	1.7	1.0										2.7
140-160	1.2	1.2										2.4
(S) 170-190	1.7		.5									2.2
200-220	1.4	.3	.2									1.9
230-250	.3	.9	.2									1.4
(W) 260-280	2.4	1.7	.5									4.6
290-310	.9	2.1	.2									3.1
320-340	1.5	.3										1.9
VARIABLE												
CALM	////////////////////											57.3
TOTALS	24.9	15.1	2.8									100.0

TOTAL NUMBER OF OBSERVATIONS 583

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.5	.6									4.5	5.1	4.0
020-040	3.0	4.9	.4									8.2	5.7	6.0
050-070	3.0	3.4	1.1									7.5	5.6	5.0
(E) 080-100	1.5	1.7										3.2	4.0	5.0
110-130	1.7	1.1	.4									3.2	4.6	4.0
140-160	.9	.7										1.7	4.3	4.0
(S) 170-190	.9	1.5										2.4	4.8	5.0
200-220	.7	1.3	.4									2.4	5.1	5.0
230-250	1.1	1.1										2.2	5.0	5.
(W) 260-280	1.9	2.2	.6									4.7	5.5	5.0
290-310	1.3	.6	.2									2.1	4.7	4.0
320-340	2.0	1.1	.2									4.1	3.9	3.0
VARIABLE														
CALM	////////////////////											53.9	////////	
TOTALS	21.2	21.1	3.9									100.0	2.3	5.0
TOTAL NUMBER OF OBSERVATIONS 536														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	2.0	2.5	.6		.0							5.2 5.8 6.0
020-040	3.0	5.9	1.7	.1								10.6 6.3 6.0
050-070	3.3	6.1	1.2									10.6 5.9 6.0
(E) 080-100	2.6	2.1	.1									4.7 4.5 4.0
110-130	2.6	2.4	.2									5.1 4.7 4.0
140-160	2.0	1.4	.1									3.6 4.6 4.0
(S) 170-190	1.6	1.6	.5									3.8 5.5 5.0
200-220	1.6	1.6	.8	.1								4.1 6.0 5.0
230-250	2.3	3.2	1.6									7.1 6.4 6.0
(W) 260-280	2.5	2.9	1.4									6.8 6.3 6.0
290-310	1.8	3.2	1.5	.1								6.5 6.8 7.0
320-340	1.8	2.1	.8									4.6 5.9 6.0
VARIABLE												
CALM	////////////////////											27.3 //
TOTALS	27.1	35.0	10.5	.3								100.0 4.2 6.0

TOTAL NUMBER OF OBSERVATIONS 3854

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(DEGREES)													%	WIND
(N) 350-010		2.5	5.9	2.3		.2							10.9	7.0
020-040		6.5	12.4	3.2	.4								22.5	6.3
050-070		3.6	8.0	1.7									13.3	6.0
(E) 080-100		3.4	2.9										6.3	4.5
110-130		2.1	2.5	.4									5.1	5.9
140-160		2.3	2.1	.2									4.6	4.9
(S) 170-190		1.5	1.3	.2									2.9	5.1
200-220		1.9	2.3	.8									5.1	5.8
230-250		2.5	2.9	.6									6.1	5.6
(W) 260-280		2.7	1.9	.8									5.5	5.9
290-310		.6	1.7	.4									2.7	6.7
320-340		1.1	2.1	1.1									4.2	6.9
VARIABLE														
CALM		////////////////////////////////////										10.7	////////////////////////////////	
TOTALS		30.7	46.0	11.7	.4	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 475

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VEPSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 06-08

		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION   (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	6E 65		
(N) 350-010		2.3	2.3	.6									5.2	5.3
020-040		4.7	7.3										12.0	4.9
050-070		1.2	2.3	1.7									5.2	7.2
(E) 080-100		1.2	.9										2.0	4.0
110-130		.9	.6										1.5	4.0
140-160		.3	.6										.9	5.0
(S) 170-190		.6											.6	4.0
200-220		1.7	1.7	.6									4.1	5.6
230-250		1.7	2.0										3.8	4.9
(W) 260-280		1.5	2.6	.3									4.4	5.5
290-310		2.0	.9										2.9	3.7
320-340		2.0	.3	.3									2.6	3.8
VARIABLE														
CALM		////////////////////										54.8	////////////////	
TOTALS		20.1	21.5	3.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 343

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS												
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65-69	TOTAL %
(N) 350-010	1.3	2.3	1.5									5.1
020-040	2.4	7.7	1.9									12.1
050-070	2.8	6.8	1.9									11.5
(E) 080-100	2.2	2.3	.5									5.0
110-130	2.1	1.7	.1									3.8
140-160	2.3	.8	.1									3.2
(S) 170-190	1.9	1.2	.8									3.8
200-220	2.8	1.5	.8									5.1
230-250	5.1	4.1	1.2									10.4
(W) 260-280	3.8	3.2	1.5									8.6
290-310	4.1	2.9	1.9									9.0
320-340	2.7	1.8	.5									5.0
VARIABLE												
CALM	////////////////////										17.3	////////////////
TOTALS	33.5	36.3	12.7									100.0

TOTAL NUMBER OF OBSERVATIONS 780



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.5	2.2									6.8	7.8	8.0
020-040	1.7	6.0	1.7									9.4	6.8	6.0
050-070	2.6	5.4	.5									8.5	6.1	6.0
(E) 080-100	1.4	2.6	.3									4.2	5.7	6.0
110-130	2.8	2.2	.3									5.3	4.5	4.0
140-160	2.3	1.5	.1									4.0	4.6	4.0
(S) 170-190	1.7	2.7	.8									5.1	6.0	5.5
200-220	3.0	3.3	1.2									7.5	5.8	5.5
230-250	3.3	9.4	3.3									16.1	6.8	6.0
(W) 260-280	2.8	5.5	3.1	.3								11.7	7.1	6.0
290-310	3.6	3.5	2.7									9.8	6.4	6.0
320-340	2.1	3.3	2.1									7.5	6.9	7.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	28.5	48.9	18.3	.3								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 777

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	3.2	.7									5.5	6.1	6.0
020-040	2.7	4.7	1.0									8.3	5.9	6.0
050-070	3.2	3.0	.4									6.6	4.9	5.0
(E) 080-100	3.1	1.0										4.1	3.7	4.0
110-130	2.8	1.3	.6									4.7	4.7	4.0
140-160	1.8	.6	.1									2.5	3.8	3.0
(S) 170-190	1.8	1.1	.7									3.7	5.5	4.5
200-220	3.1	4.0	.6									7.6	5.5	5.0
230-250	4.4	8.1	2.3									14.7	6.3	6.0
(W) 260-280	4.4	4.0	2.4									10.7	6.3	6.0
290-310	5.1	4.2	2.4	.1								11.9	6.0	5.5
320-340	1.6	4.1	1.1									6.8	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////	
TOTALS	35.6	39.3	12.3	.1								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 708														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.6	.2									6.3	4.1	4.0
020-040	3.5	2.1	.5	.2								6.3	4.8	3.5
050-070	3.0	1.2	.4									4.6	4.4	3.0
(E) 080-100	1.6	.9										2.5	3.6	3.0
110-130	.7	.9										1.6	4.2	5.0
140-160	.7	.5										1.2	3.9	2.0
(S) 170-190	1.6	.2										1.8	2.9	2.5
200-220	2.8	.5	.2									3.5	3.3	2.0
230-250	4.7	1.4										6.1	3.5	3.0
(W) 260-280	3.3	.9	.7									4.9	4.8	4.0
290-310	2.1	2.1	.4	.4								4.9	5.7	5.0
320-340	3.0	1.4	.4									4.7	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											51.7	////////////////////////////////	
TOTALS	30.5	14.7	2.8	.6								100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG8 SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION   (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.6	1.9	.2									5.7	4.1	4.0
020-040	3.4	1.0	1.1									5.5	5.3	4.0
050-070	3.6	2.5	.2									6.3	4.5	4.0
(E) 080-100	1.5	.2										1.7	2.4	2.0
110-130	.8											.8	3.3	3.0
140-160	1.0	.4	.2									1.5	4.4	3.5
(S) 170-190	.6	1.0										1.5	5.0	5.5
200-220	2.3	.6										2.9	3.3	2.0
230-250	1.7	1.9										3.6	4.6	5.0
(W) 260-280	1.5	1.3	1.1									4.0	6.1	6.0
290-310	3.2	1.3	.6									5.2	4.4	3.0
320-340	2.7	1.5	.4									4.6	4.7	3.5
VARIABLE														
CALM	////////////////////////////////////											56.7	////////////////////////////////	
TOTALS	25.9	13.6	3.8									100.0	2.0	4.0

TOTAL NUMBER OF OBSERVATIONS 524

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.1	2.7	1.0									5.8	6.0	6.0
020-040	2.8	4.9	1.2	.0								9.0	6.0	6.0
050-070	2.8	3.9	.8									7.6	5.7	6.0
(E) 080-100	1.9	1.5	.2									3.5	4.6	4.0
110-130	1.9	1.2	.2									3.3	4.4	4.0
140-160	1.6	.8	.1									2.5	4.3	4.0
(S) 170-190	1.5	1.2	.5									3.1	5.3	5.0
200-220	2.7	2.1	.6									5.4	5.2	4.0
230-250	3.8	5.0	1.4									10.2	5.8	5.0
(W) 260-280	3.1	3.2	1.7	.1								8.0	6.2	6.0
290-310	3.6	2.8	1.6	.1								8.0	5.8	5.0
20-340	2.3	2.3	.9									5.5	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											28.0	////////	
TOTALS	30.1	31.6	10.2	.2								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.6	5.4										8.0	4.8	5.0
020-040	2.8	3.6	1.6	.3								8.3	6.7	7.0
050-070	2.3	4.1	2.6									9.0	7.1	7.0
(E) 080-100	1.6	2.6	.5									4.7	5.7	5.5
110-130	2.3	1.0	.8									4.1	5.3	4.0
140-160	5.7	1.6	.5									7.8	3.9	3.0
(S) 170-190	1.8	.5	1.0									3.4	5.9	4.0
200-220	2.8	2.1	1.3									6.2	6.0	5.0
230-250	2.8	2.1	.8									5.7	5.3	4.5
(W) 260-280	4.1	4.4	.8									9.3	5.1	5.0
290-310	5.9	3.6	.5									10.1	4.8	4.0
320-340	3.4	2.1										5.4	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											18.1	////////	
TOTALS	38.1	33.1	10.4	.3								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 387

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	1.7	2.0	.8	.0	.0							4.6 6.0 6.0
020-040	2.9	4.2	1.2	.0								8.3 5.9 6.0
050-070	3.3	4.7	1.1	.0								9.1 5.8 5.0
(E) 080-100	2.7	2.2	.4									5.3 4.8 4.0
110-130	2.9	2.1	.4									5.5 4.7 4.0
140-160	2.4	1.8	.4	.0								4.6 4.9 4.0
(S) 170-190	2.4	2.3	.6	.0	.0							5.4 5.3 5.0
200-220	2.9	2.5	.7	.0	.0							6.1 5.3 5.0
230-250	3.4	4.2	1.5	.0	.0							9.2 6.0 5.0
(W) 260-280	2.9	3.8	2.0	.1	.0							8.8 6.5 6.0
290-310	2.3	2.9	1.6	.1	.0	.0						6.8 6.5 6.0
320-340	1.8	1.7	.9	.0	.0							4.4 5.9 5.0
VARIABLE												
CALM	////////////////////////////////////											22.0 //////////////////////////////////
TOTALS	31.6	34.4	11.6	.2								100.0 4.5 5.0

TOTAL NUMBER OF OBSERVATIONS: 49564

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS),  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.6	3.5	.9	.1	.1							7.2	5.9	5.0
020-040	5.2	7.9	2.5	.1								15.8	6.1	6.0
050-070	5.3	7.1	2.2	.0								14.5	5.9	5.0
(E) 080-100	3.1	2.5	.5									6.1	4.9	4.0
110-130	3.4	1.7	.4									5.6	4.5	4.0
140-160	2.6	1.2	.4									4.3	4.6	4.0
(S) 170-190	2.2	1.0	.4									3.6	4.7	4.0
200-220	2.7	1.7	.5									5.0	5.0	4.0
230-250	3.4	2.4	.6									6.4	4.8	4.0
(W) 260-280	2.7	1.8	.5									5.0	5.1	4.0
290-310	2.1	1.6	.4	.0								4.2	5.3	5.0
320-340	1.9	1.4	.6		.0							4.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											18.5	////////	
TOTALS	37.2	33.8	9.9	.2	.1							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS: 4919



ppppppp	AAAAA	RRRRRRR	TTTTTTTT	DDDDDDDD
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
pp pp	AA AA	RR RR	TT	DD DD
pp pp	AA AA	RR RR	TT	DD DD
pppppppp	AA AA	RRRRRRRR	TT	DD DD
pppppppp	AAAAAAAA	RRRRRRRR	TT	DD DD
pp	AAAAAAAA	RR RR	TT	DD DD
pp	AA AA	RR RR	TT	DD DD
pp	AA AA	RR RR	TT	DDDDDDDD
pp	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 06-08

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		41.3	42.3	45.1	46.1	46.6	46.6	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.8	48.4
GE 20000		48.4	49.6	53.2	54.2	54.9	54.9	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.9	56.5	57.0
GE 18000		48.4	49.6	53.2	54.2	54.9	54.9	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.9	56.5	57.0
GE 16000		48.4	49.6	53.2	54.2	54.9	54.9	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.9	56.5	57.0
GE 14000		48.6	49.9	53.4	54.4	55.2	55.2	55.7	55.7	55.7	55.9	55.9	55.9	55.9	56.2	56.7	57.2
GE 12000		51.1	52.4	55.9	57.0	57.7	57.7	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.7	59.2	59.7
GE 10000		54.2	55.4	59.5	60.5	61.3	61.3	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.3	62.8	63.3
GE 9000		54.2	55.4	59.5	60.5	61.5	61.5	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.5	63.0	63.5
GE 8000		55.4	56.7	61.5	62.5	63.8	63.8	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.8	65.3	65.8
GE 7000		55.4	56.7	61.5	62.5	63.8	63.8	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.8	65.3	65.8
GE 6000		56.5	57.7	62.5	63.5	65.1	65.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	66.1	66.6	67.1
GE 5000		57.2	58.5	63.5	64.8	66.6	66.6	67.1	67.1	67.3	67.6	67.6	67.6	67.6	67.8	68.4	68.9
GE 4500		58.0	59.7	65.3	66.6	68.4	68.4	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.6	70.1	70.6
GE 4000		60.3	62.3	67.8	69.1	70.9	70.9	71.6	71.6	71.9	72.2	72.2	72.2	72.2	72.4	72.9	73.4
GE 3500		61.3	63.3	68.9	70.1	72.2	72.2	73.2	73.2	73.4	73.7	73.7	73.7	73.7	73.9	74.4	74.9
GE 3000		62.0	64.1	69.6	70.9	72.9	72.9	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.7	75.2	75.7
GE 2500		62.3	64.3	69.9	71.4	73.7	73.9	74.9	75.2	75.4	75.7	75.7	75.7	75.7	75.9	76.5	77.0
GE 2000		63.3	65.3	71.1	72.7	75.2	75.4	76.5	77.0	77.2	77.5	77.5	77.5	77.5	77.7	78.2	78.7
GE 1800		63.3	65.3	71.1	72.7	75.2	75.4	76.5	77.0	77.2	77.5	77.5	77.5	77.5	77.7	78.2	78.7
GE 1500		64.6	66.8	72.9	74.7	77.2	77.5	78.5	79.0	79.2	79.5	79.5	79.5	79.5	79.7	80.3	80.8
GE 1200		65.8	68.4	74.4	76.2	79.5	80.3	81.3	82.0	82.3	82.5	82.5	82.5	82.5	82.8	83.3	83.8
GE 1000		66.3	69.1	75.4	77.2	80.5	81.5	82.5	83.5	83.8	84.1	84.1	84.1	84.1	84.3	84.8	85.3
GE 900		66.3	69.1	75.4	77.2	80.8	81.8	82.8	83.8	84.1	84.3	84.3	84.3	84.3	84.6	85.1	85.6
GE 800		66.8	69.6	75.9	78.0	82.5	83.8	85.1	86.6	86.8	87.1	87.1	87.1	87.1	87.3	87.8	88.4
GE 700		66.8	69.6	76.2	78.2	82.8	84.1	86.1	87.6	87.8	88.1	88.1	88.1	88.1	88.4	88.9	89.4
GE 600		67.1	69.9	77.0	79.2	83.8	85.1	87.6	89.4	89.6	89.9	89.9	89.9	89.9	90.1	90.6	91.1
GE 500		67.1	69.9	77.0	79.2	84.6	86.3	89.6	91.4	91.6	91.9	91.9	91.9	91.9	92.2	92.7	93.2
GE 400		67.1	69.9	77.0	79.2	84.6	86.6	90.4	92.4	92.7	93.2	93.2	93.2	93.2	93.4	93.9	94.4
GE 300		67.1	69.9	77.0	79.2	84.6	86.6	90.6	92.9	93.4	93.9	94.2	94.4	94.4	94.7	95.4	95.9
GE 200		67.1	69.9	77.0	79.2	84.6	86.6	90.6	93.4	93.9	94.7	95.2	95.4	95.4	95.7	96.5	97.5
GE 100		67.1	69.9	77.0	79.2	84.6	86.6	90.6	93.4	93.9	94.7	95.2	95.4	95.4	95.7	97.7	100.0
GE 000		67.1	69.9	77.0	79.2	84.6	86.6	90.6	93.4	93.9	94.7	95.2	95.4	95.4	95.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 395

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	48.4	49.4	49.8	49.9	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	54.2	55.6	56.8	57.2	57.5	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	54.2	55.6	56.8	57.2	57.5	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	54.2	55.6	56.8	57.2	57.5	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	54.2	55.6	56.8	57.2	57.5	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	56.4	57.9	59.2	59.7	59.9	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	60.0	61.7	63.2	64.0	64.6	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	60.7	62.4	63.9	64.7	65.4	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	62.4	64.2	66.0	66.9	67.6	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	62.4	64.2	66.0	66.9	67.6	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	63.0	64.7	66.6	67.5	68.2	68.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	64.0	65.8	67.6	68.7	69.5	69.6	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	64.4	66.1	68.1	69.2	70.3	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	66.1	68.1	70.3	71.4	72.7	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	66.9	68.9	71.2	72.4	73.6	73.8	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	68.2	70.2	72.5	73.6	74.9	75.0	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	69.2	71.2	73.6	74.8	76.6	76.8	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2000	70.3	72.3	74.7	76.0	78.0	78.3	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	70.5	72.5	74.9	76.2	78.3	78.5	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	71.3	73.4	76.0	77.3	79.4	79.7	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1200	72.1	74.3	77.1	78.6	81.2	81.5	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1000	72.7	75.1	78.0	80.0	83.0	83.6	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	72.8	75.4	78.5	80.7	83.7	84.3	85.3	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	73.1	75.7	79.0	81.6	84.9	85.7	86.8	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 700	73.3	76.1	79.3	82.0	85.3	86.4	87.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 600	73.5	76.3	79.8	82.7	86.2	87.4	88.8	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	73.5	76.3	79.8	83.1	87.1	88.8	90.9	92.3	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 400	73.5	76.3	79.8	83.1	87.1	89.2	91.8	94.0	94.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	73.5	76.3	79.8	83.1	87.1	89.6	92.1	95.0	95.6	96.3	96.6	96.8	97.1	97.1	97.1	97.1
GE 200	73.5	76.3	79.8	83.1	87.1	89.6	92.1	95.5	96.1	97.0	97.3	97.6	98.3	98.3	98.4	98.5
GE 100	73.5	76.3	79.8	83.1	87.1	89.6	92.1	95.5	96.1	97.0	97.3	97.6	98.4	98.4	99.1	100.0
GE 000	73.5	76.3	79.8	83.1	87.1	89.6	92.1	95.5	96.1	97.0	97.3	97.6	98.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 865

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	50.1	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	58.8	59.0	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	59.1	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 16000	59.1	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 14000	59.3	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	60.6	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	64.2	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	65.2	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	68.1	68.4	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	68.1	68.5	69.0	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	68.8	69.2	69.7	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	70.0	70.5	71.3	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	70.4	70.8	71.8	72.4	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	72.2	72.8	74.2	74.8	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	74.6	75.1	76.5	77.1	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	75.6	76.2	77.8	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	76.7	77.2	79.0	79.8	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2000	77.4	77.9	79.9	80.8	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	77.7	78.4	80.5	81.4	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	78.5	79.3	81.5	82.8	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	79.9	80.8	83.4	84.9	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	80.5	81.4	84.4	86.2	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	80.5	81.4	84.6	86.3	88.2	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	80.7	81.8	85.4	87.3	89.3	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	81.2	82.2	86.2	88.6	90.8	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	81.2	82.2	86.2	88.6	91.1	91.9	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 500	81.2	82.3	86.4	89.1	91.8	93.7	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	81.2	82.3	86.4	89.1	91.9	94.0	95.6	96.2	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	81.2	82.3	86.4	89.1	91.9	94.2	95.9	97.0	97.1	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	81.2	82.3	86.4	89.1	91.9	94.2	95.9	97.1	97.3	98.5	99.0	99.1	99.3	99.5	99.5	99.5
GE 100	81.2	82.3	86.4	89.1	91.9	94.2	95.9	97.1	97.3	98.5	99.0	99.2	99.4	99.7	99.7	100.0
GE 000	81.2	82.3	86.4	89.1	91.9	94.2	95.9	97.1	97.3	98.5	99.0	99.2	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	50.1	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	59.3	59.3	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	59.6	59.6	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	59.6	59.6	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	59.8	59.8	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 12000	60.7	60.7	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	65.9	65.9	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	67.5	67.6	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	69.2	69.3	69.9	69.9	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	69.8	70.2	71.0	71.0	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	70.1	70.4	71.2	71.3	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	71.5	72.0	72.8	72.9	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	72.4	72.9	73.7	73.8	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	74.4	75.3	76.7	77.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	77.0	77.9	79.4	79.7	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	77.6	78.8	80.5	80.7	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	78.7	80.3	82.5	83.0	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	79.7	81.5	84.1	85.0	85.5	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	80.6	82.4	85.0	85.9	86.5	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	81.1	83.2	86.0	87.0	87.9	88.7	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	81.4	83.7	86.6	87.7	88.6	89.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	81.5	84.1	87.4	88.4	89.7	90.6	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	81.7	84.3	87.8	88.8	90.1	91.0	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	81.7	84.3	88.0	89.2	90.7	91.8	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	81.7	84.4	88.3	89.7	91.4	92.8	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	81.7	84.4	88.3	89.8	91.8	93.2	94.6	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	81.7	84.4	88.4	90.2	92.3	94.3	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	81.7	84.4	88.4	90.2	92.4	94.6	96.9	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	81.7	84.4	88.4	90.2	92.4	94.6	96.9	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	81.7	84.4	88.4	90.2	92.4	94.6	96.9	98.2	98.8	99.1	99.5	99.5	99.9	99.9	99.9	99.9
GE 100	81.7	84.4	88.4	90.2	92.4	94.6	96.9	98.2	98.8	99.1	99.5	99.5	99.9	99.9	99.9	100.0
GE 0200	81.7	84.4	88.4	90.2	92.4	94.6	96.9	98.2	98.8	99.1	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 778

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	56.9	57.0	57.0	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	61.7	61.7	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	61.7	61.7	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	61.7	61.7	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	61.7	61.7	61.9	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	62.0	62.0	62.4	62.4	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	67.7	67.7	68.2	68.2	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	68.3	68.3	68.8	68.8	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	69.8	70.3	70.9	70.9	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	70.9	71.4	72.1	72.1	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	71.4	71.9	72.5	72.5	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 5000	74.0	75.0	75.9	75.9	76.6	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	75.1	76.3	77.4	77.4	78.0	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	76.6	77.9	79.6	79.6	80.3	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	78.7	80.0	81.7	81.7	82.4	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	80.0	81.6	83.7	83.7	84.3	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	80.9	83.0	85.1	85.5	86.3	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	82.2	85.0	87.4	87.7	88.5	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	82.4	85.1	87.6	88.2	89.0	89.3	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	83.2	86.1	88.5	89.2	90.0	90.3	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	83.7	86.6	89.0	89.7	90.5	90.8	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	83.7	86.6	89.5	90.1	91.0	91.3	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	83.7	86.6	89.5	90.1	91.0	91.3	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	83.7	86.6	89.5	90.1	91.0	91.3	92.6	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	83.7	87.1	90.3	91.0	91.9	92.6	94.0	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	83.7	87.1	90.3	91.0	91.9	92.6	94.2	95.0	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	83.7	87.1	90.3	91.0	92.1	93.1	94.7	96.4	96.8	96.9	97.1	97.1	97.1	97.3	97.3	97.3
GE 400	83.7	87.1	90.3	91.0	92.1	93.2	95.2	96.9	97.3	97.7	97.9	97.9	97.9	98.1	98.1	98.1
GE 300	83.7	87.1	90.3	91.0	92.1	93.2	95.2	97.3	97.6	98.2	98.4	98.4	98.4	98.5	98.5	98.5
GE 200	83.7	87.1	90.3	91.0	92.1	93.2	95.2	97.4	97.9	98.5	98.7	98.7	99.2	99.4	99.4	99.4
GE 100	83.7	87.1	90.3	91.0	92.1	93.2	95.2	97.4	97.9	98.5	98.7	98.7	99.2	99.4	99.7	100.0
GE 000	83.7	87.1	90.3	91.0	92.1	93.2	95.2	97.4	97.9	98.5	98.7	98.7	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 619



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	57.1	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
GE 20000	60.8	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 18000	60.8	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 16000	60.8	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 14000	61.1	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0
GE 12000	62.5	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	63.9
GE 10000	67.3	67.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.2	69.2
GE 9000	68.0	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.9	69.9
GE 8000	69.0	69.7	70.7	70.9	70.9	70.9	71.3	71.3	71.3	71.4	71.6	71.6	71.8	71.8	71.9	71.9
GE 7000	70.2	71.1	72.1	72.3	72.3	72.3	72.8	72.8	72.8	73.0	73.1	73.1	73.3	73.3	73.5	73.5
GE 6000	70.4	71.3	72.3	72.5	72.5	72.5	73.0	73.0	73.0	73.1	73.3	73.3	73.5	73.5	73.7	73.7
GE 5000	73.5	74.5	75.7	75.9	75.9	75.9	76.4	76.4	76.4	76.6	76.8	76.8	76.9	76.9	77.1	77.1
GE 4500	76.6	78.0	79.3	79.5	79.5	79.5	80.0	80.0	80.0	80.2	80.4	80.4	80.6	80.6	80.7	80.7
GE 4000	78.0	79.3	80.9	81.2	81.4	81.4	81.9	81.9	81.9	82.1	82.3	82.3	82.4	82.4	82.6	82.6
GE 3500	78.5	79.9	81.4	81.8	82.1	82.1	82.6	82.6	82.6	82.8	83.0	83.0	83.1	83.1	83.3	83.3
GE 3000	79.5	81.2	83.0	83.3	83.6	83.6	84.2	84.2	84.2	84.3	84.5	84.5	84.7	84.7	84.9	84.9
GE 2500	80.2	81.9	83.6	84.0	84.7	84.7	85.2	85.2	85.2	85.4	85.5	85.5	85.7	85.7	85.9	85.9
GE 2000	81.8	83.8	85.9	86.2	87.1	87.1	87.6	87.6	87.6	87.8	88.0	88.0	88.1	88.1	88.3	88.3
GE 1800	81.9	84.2	86.2	86.6	87.4	87.4	88.0	88.3	88.3	88.5	88.6	88.6	88.8	88.8	89.0	89.0
GE 1500	82.8	85.0	87.1	87.4	88.5	88.5	89.0	89.3	89.3	89.5	89.7	89.7	89.8	89.8	90.0	90.0
GE 1200	82.8	85.0	87.1	87.6	88.6	88.6	89.2	89.5	89.5	89.7	89.8	89.8	90.0	90.0	90.2	90.2
GE 1000	82.8	85.0	87.1	87.6	88.6	88.6	89.2	89.5	89.5	89.7	89.8	89.8	90.0	90.0	90.2	90.2
GE 900	82.8	85.4	87.4	88.0	89.2	89.2	89.8	90.2	90.2	90.4	90.5	90.5	90.7	90.7	90.9	90.9
GE 800	82.8	85.4	87.4	88.0	89.2	89.2	89.8	90.2	90.2	90.4	90.5	90.5	90.7	90.7	90.9	90.9
GE 700	83.0	85.5	87.8	88.3	89.5	90.0	91.6	92.4	92.4	92.6	93.3	93.3	93.5	93.5	93.6	93.6
GE 600	83.0	85.5	87.8	88.3	89.5	90.0	91.9	93.1	93.1	93.3	94.0	94.0	94.1	94.1	94.3	94.3
GE 500	83.0	85.5	87.8	88.3	89.5	90.5	92.6	94.0	94.1	94.3	95.0	95.0	95.2	95.2	95.4	95.4
GE 400	83.0	85.5	87.8	88.3	89.8	91.0	93.8	95.4	95.7	95.9	96.6	96.6	96.7	96.7	96.9	96.9
GE 300	83.0	85.5	87.8	88.3	89.8	91.2	94.0	95.5	96.0	96.2	96.9	96.9	97.1	97.1	97.2	97.2
GE 200	83.0	85.5	87.8	88.3	89.8	91.2	94.0	95.7	96.4	96.6	97.2	97.2	97.8	97.8	97.9	97.9
GE 100	83.0	85.5	87.8	88.3	89.8	91.2	94.0	95.7	96.4	96.6	97.4	97.4	97.9	97.9	98.6	100.0
GE 000	83.0	85.5	87.8	88.3	89.8	91.2	94.0	95.7	96.4	96.6	97.4	97.4	97.9	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 581

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.6	51.0	51.7	51.9	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
GE 20000	57.6	58.1	58.9	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 18000	57.8	58.3	59.1	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
GE 16000	57.8	58.3	59.1	59.3	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
GE 14000	57.9	58.4	59.2	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0
GE 12000	59.3	59.9	60.7	61.0	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6
GE 10000	63.6	64.3	65.4	65.7	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4
GE 9000	64.5	65.1	66.2	66.6	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3
GE 8000	66.3	67.0	68.3	68.7	69.1	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8
GE 7000	66.7	67.6	68.9	69.3	69.7	69.9	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4
GE 6000	67.2	68.1	69.4	69.8	70.3	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.9	70.9	71.0
GE 5000	68.9	69.9	71.4	71.8	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.2
GE 4500	69.9	71.0	72.7	73.2	73.8	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6
GE 4000	71.7	73.0	75.0	75.6	76.4	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.2
GE 3500	73.3	74.6	76.7	77.3	78.1	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0
GE 3000	74.3	75.8	78.0	78.6	79.4	79.6	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3
GE 2500	75.2	76.8	79.2	80.0	81.0	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	82.0	82.0
GE 2000	76.3	78.1	80.7	81.6	82.8	83.1	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	84.0
GE 1800	76.7	78.5	81.1	82.1	83.3	83.6	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.6
GE 1500	77.5	79.4	82.2	83.3	84.7	85.0	85.5	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
GE 1200	78.2	80.3	83.2	84.4	85.9	86.3	86.9	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.6
GE 1000	78.5	80.7	83.9	85.2	87.1	87.6	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
GE 900	78.6	80.8	84.2	85.5	87.4	87.9	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.4
GE 800	78.7	81.0	84.5	86.1	88.2	88.9	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.7
GE 700	78.9	81.3	85.0	86.7	89.0	89.9	91.1	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.4
GE 600	78.9	81.4	85.2	87.0	89.4	90.4	91.9	92.7	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4
GE 500	78.9	81.4	85.3	87.3	89.9	91.5	93.6	94.7	94.9	95.1	95.3	95.3	95.3	95.3	95.4	95.5
GE 400	78.9	81.4	85.3	87.3	90.0	91.9	94.2	95.6	95.9	96.3	96.5	96.5	96.5	96.6	96.6	96.7
GE 300	78.9	81.4	85.3	87.3	90.0	92.0	94.4	96.2	96.7	97.2	97.5	97.5	97.6	97.7	97.8	97.8
GE 200	78.9	81.4	85.3	87.3	90.0	92.0	94.4	96.5	97.0	97.7	98.1	98.2	98.6	98.7	98.8	98.9
GE 100	78.9	81.4	85.3	87.3	90.0	92.0	94.4	96.5	97.0	97.7	98.1	98.2	98.7	98.8	99.2	100.0
GE 000	78.9	81.4	85.3	87.3	90.0	92.0	94.4	96.5	97.0	97.7	98.1	98.2	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 4099

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: FEB HOURS: 06-09

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.1	38.0	39.7	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000	42.4	44.8	47.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.5
GE 18000	42.4	44.8	47.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.5
GE 16000	42.4	44.8	47.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.5
GE 14000	42.4	44.8	47.3	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.5
GE 12000	42.7	45.1	47.6	48.6	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.7
GE 10000	47.0	49.7	52.7	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.9
GE 9000	48.6	51.4	54.3	55.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.8
GE 8000	53.3	56.3	59.2	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.7
GE 7000	53.5	56.5	59.5	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	62.2
GE 6000	53.8	56.8	59.8	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0	62.5
GE 5000	54.3	57.3	60.9	62.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9	64.4
GE 4500	54.9	58.2	61.7	63.0	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.5
GE 4000	56.8	60.6	64.1	65.5	67.1	67.4	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.5	68.8	69.3
GE 3500	59.5	63.3	66.8	69.0	70.7	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.8	73.4
GE 3000	60.6	64.4	67.9	70.1	71.7	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.9	74.7
GE 2500	61.7	65.5	69.3	71.5	73.1	74.2	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.3	75.5	76.4
GE 2000	62.2	66.0	69.8	72.0	73.9	75.0	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.4	76.6	77.4
GE 1800	62.5	66.3	70.4	72.6	74.5	75.5	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.9	77.2	78.0
GE 1500	62.5	66.6	70.7	72.8	75.0	76.1	76.6	76.9	77.2	77.2	77.2	77.2	77.2	77.4	77.7	78.5
GE 1200	63.0	67.4	71.5	73.6	76.4	77.4	78.5	78.8	79.1	79.1	79.1	79.1	79.1	79.3	79.6	80.4
GE 1000	63.9	68.2	73.1	75.3	78.3	79.3	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.5	81.8	82.6
GE 900	63.9	68.2	73.1	75.3	78.3	79.6	81.0	81.3	81.8	81.8	81.8	81.8	81.8	82.1	82.3	83.2
GE 800	64.1	68.5	73.6	75.8	78.8	80.2	81.8	82.1	82.6	82.6	82.9	82.9	82.9	83.2	83.4	84.2
GE 700	64.1	68.5	73.6	76.4	79.3	80.7	82.9	83.2	84.2	84.2	84.5	84.5	84.5	84.8	85.1	85.9
GE 600	64.1	69.0	74.5	77.4	80.4	82.1	84.2	84.8	85.9	85.9	86.1	86.1	86.1	86.4	86.7	87.5
GE 500	64.1	69.0	74.7	77.7	81.0	82.6	85.1	86.4	87.5	87.5	87.8	87.8	87.8	88.0	88.3	89.1
GE 400	64.1	69.0	74.7	78.0	81.3	82.2	85.6	87.5	89.1	89.1	89.4	89.4	89.4	89.7	90.2	91.3
GE 300	64.4	69.3	75.0	78.3	81.5	83.4	86.1	88.6	90.5	90.8	91.3	91.3	91.3	91.8	92.4	93.5
GE 200	64.4	69.3	75.0	78.3	81.5	83.4	86.4	88.9	90.8	91.6	92.4	92.4	92.4	93.2	93.8	95.7
GE 100	64.4	69.3	75.0	78.3	81.5	83.4	86.4	88.9	90.8	91.6	92.4	92.4	92.4	93.5	94.0	95.7
GE 000	64.4	69.3	75.0	78.3	81.5	83.4	86.4	88.9	90.8	91.6	92.4	92.4	92.4	93.5	94.0	95.1

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	41.3	42.7	42.9	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 20000	48.0	49.5	51.7	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
GE 18000	48.0	49.5	51.7	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
GE 16000	48.0	49.5	51.7	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
GE 14000	48.6	50.1	52.4	52.6	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
GE 12000	48.8	50.2	52.5	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4
GE 10000	51.5	53.2	55.6	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6
GE 9000	52.7	54.5	57.1	57.5	57.6	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
GE 8000	54.7	56.5	59.2	59.6	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
GE 7000	55.8	57.7	60.6	60.9	61.1	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8
GE 6000	56.3	58.3	61.2	61.6	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4
GE 5000	58.6	60.7	64.1	64.4	64.7	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 4500	59.6	61.8	65.3	65.7	65.9	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7
GE 4000	62.8	65.0	68.8	69.3	69.8	70.4	70.5	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.3
GE 3500	65.2	67.5	71.4	72.3	72.9	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.3	74.5
GE 3000	66.4	68.8	72.6	73.6	74.5	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.9	76.1
GE 2500	67.2	69.5	73.6	74.6	75.5	76.5	76.6	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.4
GE 2000	68.8	71.1	75.4	76.4	77.2	78.4	78.6	78.7	78.7	78.9	78.9	78.9	79.0	79.0	79.1	79.4
GE 1800	68.9	71.3	75.5	76.5	77.4	78.5	78.7	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.5
GE 1500	69.7	72.3	76.7	77.7	78.6	79.7	80.2	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.7	81.0
GE 1200	70.6	73.4	78.1	79.4	80.5	81.7	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8	83.1
GE 1000	71.3	74.3	79.4	80.7	82.0	83.3	84.1	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.6	84.8
GE 900	71.6	74.6	80.0	81.3	82.6	84.0	84.7	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.3	85.6
GE 800	72.1	75.1	80.6	82.0	83.5	85.0	85.7	85.9	86.2	86.3	86.4	86.4	86.6	86.6	86.7	86.9
GE 700	72.5	75.5	81.5	83.2	85.2	86.7	87.4	87.8	88.2	88.4	88.6	88.6	88.7	88.7	88.9	89.2
GE 600	72.5	75.5	81.7	83.6	85.9	87.7	88.8	89.4	89.8	90.0	90.2	90.2	90.3	90.3	90.5	90.8
GE 500	72.5	75.5	81.7	83.6	86.3	88.2	89.9	91.3	91.8	92.0	92.3	92.3	92.4	92.4	92.7	92.9
GE 400	72.5	75.5	81.8	83.7	86.6	88.8	91.0	92.9	94.4	93.8	94.2	94.2	94.4	94.4	94.7	94.9
GE 300	72.5	75.5	81.8	83.7	86.7	88.9	91.5	93.8	94.7	95.3	96.0	96.0	96.3	96.3	96.5	96.8
GE 200	72.5	75.5	81.8	83.7	86.8	89.1	91.8	94.5	95.4	96.1	97.4	97.5	98.0	98.0	98.6	99.1
GE 100	72.5	75.5	81.8	83.7	86.8	89.1	91.8	94.5	95.4	96.1	97.4	97.5	98.1	98.3	98.9	100.0
GE 000	72.5	75.5	81.8	83.7	86.8	89.1	91.8	94.5	95.4	96.1	97.4	97.5	98.1	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	55.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	55.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	55.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	55.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	56.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	60.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	61.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	63.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	64.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	65.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	67.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	68.8	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	72.3	73.4	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	74.8	76.0	77.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	76.3	77.8	78.9	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	77.6	79.3	80.6	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	79.0	80.6	82.1	82.8	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	79.3	81.0	82.5	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	80.5	82.3	83.8	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	82.4	84.4	85.9	86.6	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1000	83.1	85.4	86.9	87.8	88.1	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	83.1	85.4	87.3	88.4	89.3	89.9	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	83.1	85.5	87.4	88.5	89.5	90.5	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	83.4	86.0	88.1	89.4	90.6	91.8	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	83.4	86.0	88.4	89.6	90.9	92.6	93.6	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	83.4	86.0	88.6	90.3	91.9	94.0	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	83.4	86.0	88.6	90.3	92.0	94.6	96.0	97.0	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	83.4	86.0	88.6	90.3	92.0	94.6	96.5	98.0	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	83.4	86.0	88.6	90.3	92.0	94.6	96.8	98.3	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5
GE 100	83.4	86.0	88.6	90.3	92.0	94.6	96.8	98.3	99.1	99.1	99.3	99.4	99.5	99.5	99.6	100.0
GE 000	83.4	86.0	88.6	90.3	92.0	94.6	96.8	98.3	99.1	99.1	99.3	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 800

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	63.2	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	63.7	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	67.7	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	68.9	69.5	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	69.8	70.6	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	71.5	72.4	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	73.7	74.6	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	76.7	77.6	78.1	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	79.6	80.6	81.5	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	80.7	81.8	83.0	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	81.5	82.8	84.1	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	82.9	84.1	85.5	86.5	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	82.9	84.1	85.5	86.5	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	83.3	84.5	85.9	87.0	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	84.3	85.6	87.1	88.4	89.1	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	84.7	86.0	87.6	89.1	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	84.8	86.2	87.7	89.2	90.4	90.6	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	85.0	86.3	87.8	89.3	90.8	91.1	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	85.4	86.7	88.4	90.2	91.8	92.3	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	85.4	86.7	88.4	90.4	92.2	92.9	93.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	85.5	86.9	88.6	91.0	93.0	94.1	94.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	85.5	86.9	88.6	91.1	93.3	95.3	96.2	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	85.5	86.9	88.6	91.1	93.3	95.3	96.2	98.4	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 200	85.5	86.9	88.6	91.1	93.3	95.6	96.6	98.8	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 100	85.5	86.9	88.6	91.1	93.3	95.6	96.6	98.8	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 000	85.5	86.9	88.6	91.1	93.3	95.6	96.6	98.8	99.3	99.3	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 731

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	51.4	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0
GE 20000	57.8	58.2	58.2	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	58.8	58.8	58.8
GE 18000	58.2	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2	59.2	59.2	59.2
GE 16000	58.2	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2	59.2	59.2	59.2
GE 14000	58.3	58.7	58.7	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4
GE 12000	59.0	59.4	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0
GE 10000	63.6	63.9	63.9	64.1	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8
GE 9000	65.5	65.8	65.8	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.8	66.8	66.8
GE 8000	70.4	70.7	70.9	71.1	71.3	71.4	71.8	71.8	71.8	71.8	71.9	71.9	72.3	72.3	72.3	72.3
GE 7000	71.4	71.8	71.9	72.1	72.3	72.4	72.8	72.8	72.8	72.8	73.0	73.0	73.3	73.3	73.3	73.3
GE 6000	72.4	72.8	73.5	73.6	73.8	74.0	74.3	74.3	74.3	74.3	74.5	74.5	74.8	74.8	74.8	74.8
GE 5000	74.7	75.0	75.7	75.9	76.0	76.2	76.5	76.5	76.5	76.5	76.7	76.7	77.0	77.0	77.0	77.0
GE 4500	75.5	75.9	76.5	76.7	76.9	77.0	77.4	77.4	77.4	77.4	77.6	77.6	77.9	77.9	77.9	77.9
GE 4000	77.6	77.9	78.6	79.3	79.6	79.8	80.1	80.1	80.1	80.1	80.3	80.3	80.6	80.6	80.6	80.6
GE 3500	79.3	79.8	81.0	82.5	82.8	83.0	83.3	83.3	83.3	83.3	83.5	83.5	83.8	83.8	83.8	83.8
GE 3000	80.6	81.1	82.5	84.2	84.5	84.7	85.2	85.2	85.2	85.2	85.4	85.4	85.7	85.7	85.7	85.7
GE 2500	81.5	82.1	83.5	85.2	85.5	85.7	86.4	86.4	86.4	86.4	86.6	86.6	86.9	86.9	86.9	86.9
GE 2000	82.8	83.7	85.0	86.9	87.4	87.8	88.6	88.6	88.6	88.6	88.8	88.8	89.1	89.1	89.1	89.1
GE 1800	82.8	83.7	85.0	86.9	87.4	87.8	88.6	88.6	88.6	88.6	88.8	88.8	89.1	89.1	89.1	89.1
GE 1500	83.2	84.0	85.4	87.2	87.8	88.1	89.1	89.1	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6
GE 1200	83.8	84.7	86.6	88.6	89.5	89.8	91.0	91.0	91.0	91.0	91.2	91.2	91.5	91.5	91.5	91.5
GE 1000	84.0	85.0	86.9	88.9	89.8	90.3	91.5	91.5	91.5	91.5	91.7	91.7	92.0	92.0	92.0	92.0
GE 900	84.0	85.0	86.9	89.1	90.0	90.5	91.7	91.8	91.8	91.8	92.0	92.0	92.3	92.3	92.3	92.3
GE 800	84.0	85.0	86.9	89.1	90.3	91.0	92.2	92.5	92.5	92.5	92.7	92.7	93.0	93.0	93.0	93.0
GE 700	84.0	85.0	86.9	89.1	90.6	91.7	92.9	93.2	93.2	93.2	93.4	93.4	92.7	93.7	93.7	93.7
GE 600	84.0	85.0	86.9	89.1	90.8	92.2	93.7	94.2	94.2	94.2	94.4	94.4	94.7	94.7	94.7	94.7
GE 500	84.0	85.2	87.1	89.5	91.3	92.9	94.7	95.7	95.7	95.7	95.9	95.9	96.3	96.3	96.3	96.3
GE 400	84.0	85.2	87.1	89.5	91.3	93.0	95.6	97.3	97.3	97.3	97.8	97.8	98.1	98.1	98.1	98.1
GE 300	84.0	85.2	87.1	89.5	91.3	93.0	95.6	97.6	97.8	97.8	98.5	98.5	98.8	98.8	98.8	98.8
GE 200	84.0	85.2	87.1	89.5	91.3	93.0	95.6	97.6	98.0	98.0	98.6	98.6	99.0	99.0	99.1	99.1
GE 100	84.0	85.2	87.1	89.5	91.3	93.0	95.6	97.6	98.0	98.0	98.6	98.6	99.0	99.0	99.1	99.8
GE 000	84.0	85.2	87.1	89.5	91.3	93.0	95.6	97.6	98.0	98.0	98.6	98.6	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 588

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: FB HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		53.6	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.8	54.8	55.0	55.4
GE 20000		59.4	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.7	60.7	60.9	61.2
GE 18000		59.4	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.7	60.7	60.9	61.2
GE 16000		59.4	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.7	60.7	60.9	61.2
GE 14000		59.4	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.7	60.7	60.9	61.2
GE 12000		61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.5	62.9
GE 10000		62.9	63.6	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.4	64.4	64.5	64.9
GE 9000		63.6	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.1	65.1	65.6	66.0
GE 8000		67.5	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.3	69.3	69.8	70.2
GE 7000		69.5	70.6	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.3	71.3	71.8	72.2
GE 6000		70.0	71.3	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8	72.0	72.0	72.6	72.9
GE 5000		72.2	73.5	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.2	74.2	74.8	75.1
GE 4500		73.1	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	75.0	75.0	75.1	75.1	75.7	76.1
GE 4000		75.9	77.3	77.7	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.8	78.8	79.0	79.0	79.5	79.9
GE 3500		76.8	78.4	79.0	79.7	79.9	80.1	80.4	80.4	80.4	80.4	80.8	80.8	81.0	81.0	81.5	81.9
GE 3000		77.0	78.6	79.2	79.9	80.3	80.4	80.8	81.0	81.0	81.0	81.4	81.4	81.5	81.5	82.1	82.4
GE 2500		77.0	78.6	79.2	79.9	80.4	80.6	81.0	81.2	81.2	81.2	81.5	81.5	81.9	81.9	82.4	82.8
GE 2000		78.1	79.9	80.6	81.4	82.1	82.3	82.6	83.0	83.2	83.2	83.5	83.7	84.3	84.3	84.8	85.4
GE 1800		78.2	80.3	81.0	81.7	82.4	82.6	83.0	83.4	83.5	83.5	83.9	84.1	84.6	84.6	85.2	85.7
GE 1500		79.0	81.0	82.3	83.0	83.9	84.1	84.5	84.8	85.0	85.0	85.4	85.6	86.1	86.1	86.7	87.2
GE 1200		79.7	81.7	83.2	83.9	84.8	85.0	85.4	85.7	85.9	85.9	86.3	86.5	87.0	87.0	87.6	88.1
GE 1020		79.9	82.1	83.7	84.5	85.6	85.7	86.5	86.8	87.0	87.0	87.4	87.6	88.1	88.1	88.7	89.2
GE 900		80.4	82.6	84.3	85.0	86.3	86.5	87.2	87.6	87.8	87.8	88.1	88.3	88.8	88.8	89.4	89.9
GE 800		80.6	83.2	85.0	85.9	87.6	87.8	88.5	88.8	89.0	89.0	89.4	89.6	90.1	90.1	90.7	91.2
GE 700		80.8	83.4	85.4	86.3	88.5	88.7	89.6	90.3	90.5	90.5	90.9	91.0	91.6	91.6	92.1	92.7
GE 600		81.2	83.7	85.7	86.7	89.0	89.2	90.5	91.6	91.8	91.8	92.1	92.3	92.9	92.9	93.4	94.0
GE 500		81.2	83.7	85.9	86.8	89.4	89.9	91.6	93.2	93.4	93.4	93.8	94.0	94.5	94.5	95.1	95.6
GE 400		81.2	83.7	85.9	86.8	89.4	89.9	92.1	94.5	94.7	94.7	95.1	95.2	95.8	95.8	96.3	96.9
GE 300		81.2	83.7	85.9	86.8	89.4	90.5	92.7	95.1	95.2	95.2	95.6	95.8	96.3	96.3	96.9	97.4
GE 200		81.2	83.7	85.9	86.8	89.4	90.5	92.7	95.1	95.2	95.2	96.5	96.7	97.4	97.4	98.0	98.5
GE 100		81.2	83.7	85.9	86.8	89.4	90.5	92.7	95.1	95.4	95.4	96.7	96.9	97.6	97.6	98.4	99.8
GE 020		81.2	83.7	85.9	86.8	89.4	90.5	92.7	95.1	95.4	95.4	96.7	96.9	97.6	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 547



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	46.2	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.2	47.2
GE 20000	54.2	55.2	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.5
GE 18000	54.2	55.2	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.6
GE 16000	54.2	55.2	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.6
GE 14000	54.6	55.5	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8	56.9
GE 12000	55.0	56.0	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.4
GE 10000	58.6	59.7	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.3
GE 9000	59.7	60.7	61.7	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.6
GE 8000	63.1	64.3	65.3	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.3
GE 7000	64.3	65.5	66.5	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.4	67.5
GE 6000	65.0	66.3	67.4	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.4
GE 5000	66.9	68.2	69.5	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.4	70.5	70.6
GE 4500	68.1	69.5	70.9	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.1
GE 4000	71.0	72.5	74.0	74.6	75.0	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.7	75.7	75.8	76.0
GE 3500	73.2	74.5	76.6	77.6	78.0	78.3	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.9	79.1
GE 3000	74.3	76.0	77.9	78.9	79.4	79.3	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.6
GE 2500	75.1	76.9	79.0	80.0	80.6	81.0	81.2	81.3	81.3	81.3	81.4	81.4	81.6	81.6	81.7	81.9
GE 2000	76.4	78.3	80.4	81.5	82.2	82.7	83.0	83.1	83.2	83.2	83.3	83.3	83.5	83.5	83.6	83.8
GE 1800	76.6	78.5	80.6	81.7	82.4	82.9	83.2	83.3	83.4	83.4	83.5	83.5	83.7	83.7	83.8	84.0
GE 1500	77.2	79.2	81.5	82.6	83.4	83.9	84.3	84.4	84.5	84.5	84.6	84.6	84.8	84.8	84.9	85.1
GE 1200	78.3	80.4	82.8	84.1	85.1	85.6	86.1	86.2	86.3	86.3	86.4	86.4	86.6	86.6	86.7	86.9
GE 1000	78.8	81.0	83.7	85.0	86.1	86.7	87.4	87.5	87.6	87.6	87.7	87.8	87.9	88.0	88.1	88.3
GE 900	78.9	81.2	84.0	85.4	86.7	87.4	88.0	88.3	88.4	88.4	88.5	88.5	88.7	88.7	88.8	89.1
GE 800	79.1	81.4	84.3	85.8	87.3	88.1	88.8	89.2	89.2	89.3	89.5	89.5	89.7	89.7	89.8	90.0
GE 700	79.4	81.7	84.8	86.5	88.3	89.3	90.2	90.6	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.6
GE 600	79.4	81.8	85.0	86.8	88.8	90.1	91.2	91.8	92.1	92.1	92.3	92.3	92.5	92.5	92.7	92.9
GE 500	79.4	81.9	85.2	87.2	89.4	91.0	92.4	93.5	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.7
GE 400	79.4	81.9	85.3	87.3	89.6	91.5	93.4	95.1	95.5	95.6	95.9	95.9	96.1	96.2	96.3	96.5
GE 300	79.5	81.9	85.3	87.3	89.7	91.7	93.7	95.8	96.4	96.6	97.0	97.0	97.3	97.3	97.4	97.7
GE 200	79.5	81.9	85.3	87.3	89.7	91.7	93.9	96.1	96.8	97.1	97.7	97.8	98.2	98.3	98.6	98.9
GE 100	79.5	81.9	85.3	87.3	89.7	91.7	93.9	96.1	96.9	97.1	97.8	97.8	98.3	98.4	98.8	99.8
GE 000	79.5	81.9	85.3	87.3	89.7	91.7	93.9	96.1	96.9	97.1	97.8	97.8	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG B SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: MAR HOURS: 06-08

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
NO CEIL	41.5	42.7	44.9	46.8	47.7	48.4	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6
GE 20000	47.7	49.9	52.5	55.1	56.6	57.3	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7
GE 18000	47.7	49.9	52.5	55.1	56.6	57.3	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7
GE 16000	47.7	49.9	52.5	55.1	56.6	57.3	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7
GE 14000	48.0	50.1	52.7	55.6	57.0	57.8	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.2
GE 12000	48.7	50.8	53.5	56.3	58.0	58.7	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1
GE 10000	51.8	54.2	57.3	60.6	62.3	63.0	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.7
GE 9000	53.0	55.6	58.9	62.3	64.0	64.7	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.3
GE 8000	55.4	58.2	61.8	65.4	67.3	68.0	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.7
GE 7000	55.6	58.5	62.1	65.9	67.8	68.5	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	70.2
GE 6000	56.1	58.9	62.5	66.6	68.5	69.2	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.9
GE 5000	58.0	61.1	64.9	69.0	71.4	72.1	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.7
GE 4500	59.2	62.5	66.3	70.4	73.0	73.7	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.2	75.4
GE 4000	60.1	63.7	68.3	72.3	74.9	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.6
GE 3500	61.6	65.2	69.7	73.7	76.4	77.3	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8	79.0
GE 3000	62.3	65.9	70.6	74.7	77.3	78.3	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	80.0
GE 2500	63.0	66.6	71.4	75.4	78.0	79.2	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.9
GE 2000	64.0	68.0	72.8	76.8	79.5	80.7	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.3
GE 1800	64.4	68.5	73.5	77.6	80.2	81.4	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	83.1
GE 1500	65.2	69.2	74.5	78.8	81.4	82.8	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.5
GE 1200	65.9	69.9	75.4	79.7	82.8	84.2	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.7	85.9
GE 1000	66.3	70.4	75.9	80.7	83.8	85.2	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.6
GE 900	66.3	70.4	76.1	81.1	84.2	85.7	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	88.1
GE 800	66.6	70.6	76.4	81.4	85.0	86.6	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8	89.0
GE 700	66.8	70.9	77.3	82.3	85.9	88.3	90.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.9
GE 600	66.8	70.9	77.3	82.3	85.9	88.8	90.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.8
GE 500	66.8	70.9	77.8	82.8	86.6	89.5	91.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.8
GE 400	66.8	70.9	77.8	82.8	86.6	89.7	92.6	94.0	94.5	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.2
GE 300	66.8	70.9	77.8	82.8	86.6	90.0	94.0	95.5	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.7	96.9
GE 200	66.8	70.9	77.8	82.8	86.6	90.0	94.0	95.9	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.6	97.9
GE 100	66.8	70.9	77.8	82.8	86.6	90.0	94.0	95.9	96.4	96.9	97.1	97.1	97.1	97.1	97.1	98.3	99.5
GE 000	66.8	70.9	77.8	82.8	86.6	90.0	94.0	95.9	96.4	96.9	97.1	97.1	97.1	97.1	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 419

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		50.0	51.7	52.9	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 22000		57.3	59.5	61.0	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000		57.3	59.5	61.0	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000		57.3	59.5	61.0	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000		57.4	59.7	61.2	62.1	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000		58.2	60.6	62.3	63.2	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000		61.8	64.2	66.0	67.2	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000		62.7	65.3	67.1	68.6	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000		65.6	68.3	70.3	72.0	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000		65.9	68.6	70.6	72.4	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000		66.2	69.0	71.0	72.9	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000		67.4	70.3	72.4	74.7	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500		68.8	71.8	74.1	76.4	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000		70.0	73.4	75.9	78.6	79.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500		70.7	74.3	77.2	80.0	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000		71.9	75.5	78.8	81.5	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500		73.1	76.8	80.1	82.8	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000		74.1	77.8	81.2	84.1	85.1	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800		74.6	78.4	81.8	84.7	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500		75.2	79.0	82.6	85.6	86.6	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200		76.5	80.4	84.2	87.3	88.3	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000		76.6	80.5	84.6	87.8	89.0	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 900		76.7	80.6	85.0	88.1	89.5	90.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800		77.2	81.3	85.8	89.4	91.2	91.9	92.4	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 700		77.7	81.7	86.9	90.7	92.6	93.8	94.2	94.7	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0
GE 600		78.1	82.2	87.6	91.4	93.4	94.6	95.3	95.8	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1
GE 500		78.2	82.4	87.9	91.8	93.9	95.3	96.4	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4
GE 400		78.2	82.4	87.9	91.9	94.0	96.0	97.3	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7
GE 300		78.2	82.4	87.9	91.9	94.0	96.0	97.4	98.5	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3
GE 200		78.2	82.4	87.9	91.9	94.0	96.0	97.4	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.7
GE 100		78.2	82.4	87.9	91.9	94.0	96.0	97.4	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.9	100.0
GE 000		78.2	82.4	87.9	91.9	94.0	96.0	97.4	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 12-14

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		54.6	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000		64.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000		64.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000		64.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000		64.3	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000		65.4	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000		68.6	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000		69.6	70.6	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000		72.5	73.5	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000		73.5	74.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000		73.9	74.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000		75.1	76.0	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500		76.3	77.2	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000		79.6	80.8	82.4	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500		81.4	82.6	84.6	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000		82.7	83.9	86.2	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500		82.9	84.1	86.4	87.0	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000		84.4	85.8	88.5	89.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800		84.7	86.2	88.8	89.5	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500		85.3	86.8	89.8	90.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200		86.3	87.8	91.1	92.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000		86.6	88.1	91.4	92.7	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900		86.7	88.3	91.9	93.2	94.9	95.1	95.3	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 800		87.3	89.0	92.8	94.1	95.9	96.1	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 700		88.3	90.1	93.9	95.3	97.2	97.6	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 600		88.6	90.3	94.1	95.5	97.4	97.9	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500		88.9	90.6	94.4	95.9	97.7	98.3	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		88.9	90.6	94.4	95.9	97.7	98.3	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300		88.9	90.6	94.4	95.9	97.7	98.3	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		88.9	90.6	94.4	95.9	97.7	98.3	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		88.9	90.6	94.4	95.9	97.7	98.3	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		88.9	90.6	94.4	95.9	97.7	98.3	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAF/TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	52.8	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	52.4
GE 20000	64.7	65.1	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	64.9	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	64.9	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	65.1	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	66.6	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	70.7	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	70.8	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	73.2	74.2	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	74.0	75.2	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 6000	74.3	75.5	76.2	76.7	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	75.6	76.8	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	78.8	80.2	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	81.7	83.2	84.3	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	83.8	85.3	86.5	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	85.1	86.7	87.9	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	86.5	88.1	89.5	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	87.7	89.3	91.0	92.1	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	87.9	89.4	91.1	92.2	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	88.2	89.8	91.5	92.7	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	89.8	91.3	93.3	94.7	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1020	90.1	91.8	93.9	95.3	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	90.4	92.3	94.4	95.8	96.5	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1
GE 800	90.4	92.3	94.5	96.2	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7
GE 700	90.7	92.7	94.8	96.5	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7
GE 600	91.1	93.0	95.2	96.9	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0
GE 500	91.1	93.0	95.2	96.9	98.1	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.5	99.5
GE 400	91.1	93.0	95.2	96.9	98.2	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6
GE 300	91.1	93.0	95.2	96.9	98.2	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 200	91.1	93.0	95.2	96.9	98.2	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	91.1	93.0	95.2	96.9	98.2	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	91.1	93.0	95.2	96.9	98.2	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2000	68.0	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 1800	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1600	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1400	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1200	69.4	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 1000	72.6	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 900	72.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 800	74.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 700	75.3	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 600	75.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 500	78.7	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 450	81.3	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 400	83.6	85.2	86.5	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 350	84.3	86.0	87.2	87.8	88.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 300	84.5	86.3	87.5	88.1	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 250	85.1	86.9	88.6	89.5	90.0	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 220	86.0	87.8	89.8	90.9	91.3	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 180	86.0	87.8	89.8	91.0	91.5	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 150	86.6	88.4	90.4	91.6	92.1	92.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 120	87.5	89.8	91.8	93.0	93.6	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 100	87.7	90.0	91.9	93.2	93.8	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 90	88.1	90.4	92.4	93.6	94.2	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 80	88.3	90.6	92.5	93.8	94.5	95.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 70	88.3	90.6	92.5	93.8	94.7	95.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 60	88.4	90.9	93.0	94.2	95.1	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 50	88.4	90.9	93.2	94.4	95.3	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 40	88.4	90.9	93.3	94.5	95.7	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30	88.4	90.9	93.3	94.5	95.7	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 20	88.4	90.9	93.3	94.5	95.7	98.0	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	88.4	90.9	93.3	94.5	95.7	98.0	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 00	88.4	90.9	93.3	94.5	95.7	98.0	98.8	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.9	65.4	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	69.7	70.2	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	69.7	70.2	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	69.7	70.2	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	70.0	70.5	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000	70.7	71.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	74.0	74.7	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	74.2	75.2	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	75.6	76.9	78.5	78.8	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	76.8	78.0	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	77.1	78.4	80.1	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	79.0	80.3	82.2	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	81.3	82.5	84.5	85.1	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	83.5	85.1	87.5	88.6	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	83.8	85.4	87.8	88.9	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	84.1	85.7	88.1	89.4	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	85.4	87.0	89.6	90.9	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	86.5	88.1	90.7	92.0	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.1
GE 1800	86.9	88.5	91.0	92.3	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4
GE 1500	87.7	89.3	91.8	93.1	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 1200	88.3	89.9	92.8	94.1	94.7	94.7	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4
GE 1000	88.3	90.1	92.9	94.2	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5
GE 900	88.5	90.4	93.3	94.6	95.2	95.2	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.8	95.8
GE 800	88.5	90.4	93.3	94.6	95.2	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.2	96.2
GE 700	88.5	90.4	93.3	94.6	95.2	95.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.3	97.3
GE 600	88.6	90.5	93.4	94.9	95.5	96.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.6	97.6
GE 500	88.6	90.5	93.4	95.2	96.0	96.6	97.8	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 400	88.8	90.7	93.6	95.5	96.3	97.0	98.1	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 300	88.8	90.7	93.6	95.5	96.3	97.0	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 200	88.8	90.7	92.6	95.5	96.3	97.0	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 100	88.8	90.7	93.6	95.5	96.3	97.0	98.1	99.0	99.0	99.4	99.4	99.5	99.5	99.7	99.8	100.0
GE 000	88.8	90.7	93.6	95.5	96.3	97.0	98.1	99.0	99.0	99.4	99.4	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 624

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0	
NO CEIL	53.9	54.8	55.5	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	62.6	63.8	64.7	65.2	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
GE 18000	62.7	63.8	64.8	65.3	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	62.7	63.8	64.8	65.3	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	62.8	64.0	65.0	65.5	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	63.9	65.0	66.0	66.6	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	67.3	68.6	69.7	70.4	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
GE 9000	67.9	69.4	70.6	71.3	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	70.2	71.8	73.1	73.9	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	71.0	72.7	74.2	75.1	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	71.4	73.1	74.5	75.5	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 5000	73.0	74.7	76.4	77.4	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	75.0	76.8	78.5	79.5	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	77.3	79.3	81.4	82.8	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	78.5	80.6	82.9	84.3	85.1	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	79.4	81.5	83.9	85.5	86.2	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	80.3	82.5	85.0	86.6	87.5	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	81.5	83.7	86.4	88.1	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	81.8	84.0	86.8	88.5	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	82.3	84.6	87.5	89.3	90.2	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 1200	83.4	85.8	88.9	90.8	91.9	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	83.6	86.1	89.3	91.3	92.5	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7
GE 900	83.8	86.4	89.7	91.7	93.0	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 800	84.1	86.7	90.1	92.3	93.8	94.4	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 700	84.5	87.1	90.7	93.0	94.6	95.6	96.3	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9
GE 600	84.8	87.4	91.1	93.4	95.0	96.1	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 500	84.8	87.5	91.3	93.6	95.3	96.6	97.5	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 400	84.9	87.5	91.3	93.7	95.5	96.9	97.9	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 300	84.9	87.5	91.3	93.7	95.5	96.9	98.2	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	84.9	87.5	91.3	93.7	95.5	96.9	98.2	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6
GE 100	84.9	87.5	91.3	93.7	95.5	96.9	98.2	99.0	99.2	99.3	99.3	99.4	99.5	99.6	99.6	99.8	99.9
GE 000	84.9	87.5	91.3	93.7	95.5	96.9	98.2	99.0	99.2	99.3	99.3	99.4	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4368



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	55.8	59.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8
GE 20000	59.4	61.8	66.0	67.2	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2
GE 18000	59.4	61.8	66.0	67.2	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2
GE 16000	59.4	61.8	66.0	67.2	67.6	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2
GE 14000	60.0	62.4	66.6	67.8	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
GE 12000	60.4	62.8	67.2	68.4	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6
GE 10000	64.0	66.6	71.4	72.6	73.4	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4
GE 9000	65.2	68.0	73.0	74.2	75.0	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0
GE 8000	67.4	70.6	75.6	76.8	77.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0
GE 7000	67.6	70.8	76.2	77.4	78.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6
GE 6000	67.6	70.8	76.2	77.4	78.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6
GE 5000	68.8	72.2	77.6	78.8	79.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2
GE 4500	70.0	73.4	78.8	80.0	80.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4
GE 4000	70.2	73.6	79.0	80.2	81.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2
GE 3500	70.6	74.0	79.4	80.6	81.8	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0
GE 3000	71.0	74.4	80.0	81.2	82.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8
GE 2500	72.2	75.6	81.4	82.8	84.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
GE 2000	73.0	76.4	82.4	83.8	85.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4
GE 1800	73.0	76.4	82.4	83.8	85.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4
GE 1500	74.0	77.4	83.6	85.2	86.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
GE 1200	74.2	77.6	84.4	86.0	87.2	89.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
GE 1000	75.2	78.6	85.4	87.2	88.6	91.2	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4
GE 900	75.2	78.6	85.8	87.8	89.4	92.0	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
GE 800	75.2	78.6	85.8	88.0	89.6	92.2	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4
GE 700	75.4	78.8	86.0	88.2	89.8	92.8	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2
GE 600	75.4	78.8	86.4	88.6	90.4	93.4	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8
GE 500	75.4	78.8	86.4	88.6	91.2	94.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4
GE 400	75.4	78.8	86.4	88.8	91.4	95.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
GE 300	75.8	79.2	86.8	89.2	92.0	95.8	96.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4
GE 200	75.8	79.2	86.8	89.2	92.0	95.8	96.8	98.4	98.4	98.4	98.4	98.6	98.6	98.6	99.2	99.4
GE 100	75.8	79.2	86.8	89.2	92.0	95.8	96.8	98.4	98.4	98.4	98.4	98.6	98.6	98.6	99.2	99.8
GE 000	75.8	79.2	86.8	89.2	92.0	95.8	96.8	98.4	98.4	98.4	98.4	98.6	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 500

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	59.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	67.6	68.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	67.6	68.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	67.6	68.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	68.2	69.7	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	68.8	70.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	71.4	73.0	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	73.0	74.7	75.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	75.2	77.0	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	76.2	78.2	79.7	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	76.2	78.2	79.7	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5200	77.1	79.1	80.6	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	77.8	79.8	81.2	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	79.1	81.1	82.8	83.3	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	80.3	82.3	84.1	84.7	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	81.3	83.3	85.2	85.8	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	83.3	85.3	87.2	87.8	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	84.9	86.9	88.8	89.4	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	85.0	87.1	89.0	89.7	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	86.2	88.4	90.3	91.1	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	86.8	89.3	91.7	92.8	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	87.3	90.0	92.3	93.4	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	87.4	90.1	92.4	93.7	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	87.8	90.4	92.9	94.1	95.7	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	88.0	90.7	93.2	94.6	96.6	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	88.0	90.7	93.2	94.6	96.6	97.2	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	88.1	90.8	93.3	94.7	96.7	97.4	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	88.1	90.8	93.3	94.8	96.8	97.7	98.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	88.1	90.8	93.3	94.8	96.8	97.7	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	88.1	90.8	93.3	94.8	96.8	97.7	98.7	99.1	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
GE 100	88.1	90.8	93.3	94.8	96.8	97.7	98.7	99.1	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
GE 000	88.1	90.8	93.3	94.8	96.8	97.7	98.7	99.1	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: 12-14

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		59.1	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000		70.4	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000		70.4	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000		70.4	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 14000		70.7	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000		72.0	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000		75.2	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000		76.2	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000		78.0	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000		78.4	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000		78.6	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000		79.7	79.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500		80.9	81.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000		84.4	84.8	86.0	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500		86.7	87.1	88.6	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000		88.1	88.7	90.6	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500		90.0	90.6	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000		91.0	91.7	93.7	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800		91.2	91.9	93.9	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500		91.8	92.4	94.4	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200		92.1	92.9	95.1	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000		92.2	93.0	95.2	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900		92.4	93.3	95.6	96.7	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800		92.4	93.3	95.6	96.8	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700		93.0	93.9	96.1	97.4	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600		93.0	93.9	96.1	97.4	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500		93.1	94.0	96.2	97.6	98.6	98.8	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400		93.2	94.1	96.3	97.7	98.9	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		93.2	94.1	96.3	97.7	98.9	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		93.2	94.1	96.3	97.7	98.9	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		93.2	94.1	96.3	97.7	98.9	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		93.2	94.1	96.3	97.7	98.9	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	59.9	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	71.4	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	71.4	71.9	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	71.4	71.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	71.6	72.1	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	73.3	73.8	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	78.1	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	79.3	79.8	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	81.8	82.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	82.7	83.4	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	83.4	84.0	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	84.5	85.1	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	85.6	86.3	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	87.6	88.8	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	88.9	90.0	91.3	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	90.0	91.2	92.4	93.2	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	91.4	92.6	94.1	94.8	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	91.7	92.8	94.3	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	91.7	92.8	94.3	95.1	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	92.6	93.7	95.2	96.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	93.4	94.6	96.1	96.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	93.4	94.6	96.1	96.8	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	93.4	94.6	96.1	96.8	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	93.4	94.6	96.1	96.8	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	93.6	94.7	96.2	97.0	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	93.6	94.7	96.3	97.1	98.1	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	93.6	94.7	96.3	97.1	98.6	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 2000	71.6	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	71.6	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1600	71.6	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1400	72.0	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 1200	73.5	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1000	77.7	78.3	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 900	78.0	78.7	78.7	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 800	81.0	81.8	81.8	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 700	82.4	83.4	83.4	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 600	83.4	84.3	84.3	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 500	86.3	87.2	87.2	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 450	86.7	87.7	87.7	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 400	89.4	90.3	90.3	90.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 350	89.8	90.8	90.8	91.4	92.3	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 300	90.3	91.2	91.2	91.8	93.1	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 250	90.9	92.0	92.0	92.6	93.8	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 200	91.5	92.6	92.6	93.4	94.8	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 180	91.5	92.6	92.6	93.4	94.8	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 150	92.3	93.4	93.4	94.1	96.0	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 120	92.6	93.7	93.7	94.5	96.3	96.9	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100	92.9	94.0	94.0	94.8	96.6	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 90	92.9	94.0	94.0	94.8	96.8	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 80	92.9	94.0	94.0	94.9	96.9	97.5	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 70	92.9	94.0	94.0	94.9	96.9	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 60	92.9	94.0	94.0	94.9	96.9	98.0	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 50	92.9	94.0	94.0	94.9	97.2	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	92.9	94.0	94.0	95.1	97.4	98.8	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	92.9	94.0	94.0	95.1	97.4	98.8	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	92.9	94.0	94.0	95.1	97.4	98.8	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	92.9	94.0	94.0	95.1	97.4	98.8	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.9	94.0	94.0	95.1	97.4	98.8	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: APR HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	3/16	3/32
NO CEIL	65.3	56.0	66.0	66.0	66.0	56.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	73.5	74.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	73.5	74.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	73.5	74.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	73.9	74.6	74.6	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.0	75.7	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	78.4	79.2	79.2	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	79.3	80.1	80.3	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	82.4	83.2	83.5	83.5	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	83.2	83.9	84.3	84.3	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	83.9	84.6	85.0	85.0	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	85.2	85.9	86.5	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	86.5	87.2	87.9	87.9	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	87.8	88.5	89.4	89.4	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	88.5	89.2	90.1	90.1	90.7	91.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	89.6	90.3	91.2	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	90.1	90.9	91.8	92.0	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	90.3	91.0	92.0	92.1	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	90.3	91.0	92.0	92.1	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	90.5	91.2	92.3	92.5	93.4	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	90.9	91.6	92.7	93.1	94.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	91.0	91.8	93.1	93.6	94.5	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	91.2	92.0	93.2	93.8	94.7	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	91.2	92.1	93.4	94.1	95.1	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	91.4	92.5	93.8	94.7	95.8	96.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	91.6	92.7	94.0	95.1	96.2	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	91.6	92.7	94.0	95.1	96.3	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	91.6	92.7	94.0	95.1	96.9	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	91.6	92.7	94.0	95.1	96.9	97.8	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	91.6	92.7	94.0	95.1	96.9	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	91.6	92.7	94.0	95.1	96.9	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 000	91.6	92.7	94.0	95.1	96.9	97.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 547

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR HOURS: ALL

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.2	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 2000	69.3	70.2	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1800	69.3	70.2	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1600	69.3	70.2	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1400	69.7	70.6	71.6	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1200	70.8	71.7	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1020	74.4	75.4	76.6	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 900	75.5	76.5	77.8	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 800	77.9	79.0	80.3	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 720	78.7	79.9	81.3	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
GE 600	79.1	80.3	81.6	81.9	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 520	80.5	81.7	83.1	83.5	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 420	81.4	82.7	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 400	83.4	84.8	86.3	86.9	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 350	84.6	85.9	87.6	88.2	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 300	85.6	86.9	88.7	89.4	90.1	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 250	86.9	88.3	90.2	90.9	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 200	87.7	89.2	91.1	91.8	92.5	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 180	87.8	89.3	91.2	91.9	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 150	88.6	90.1	92.0	92.8	93.8	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 120	89.1	90.6	92.8	93.8	94.8	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 100	89.4	91.0	93.2	94.2	95.3	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 90	89.5	91.1	93.3	94.4	95.6	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 80	89.6	91.2	93.4	94.6	95.8	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 70	89.8	91.4	93.7	94.9	96.3	97.1	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 60	89.9	91.5	93.8	95.1	96.5	97.3	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 50	89.9	91.5	93.9	95.1	96.8	97.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 40	89.9	91.5	93.9	95.2	97.0	98.1	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	89.9	91.6	93.9	95.2	97.1	98.2	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 20	89.9	91.6	93.9	95.2	97.1	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 10	89.9	91.6	93.9	95.2	97.1	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 0	89.9	91.6	93.9	95.2	97.1	98.2	98.9	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 06-26

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL		38.6	42.5	48.8	52.1	54.6	55.2	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000	44.3	48.6	55.9	59.7	63.1	63.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	44.3	48.6	55.9	59.7	63.1	63.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	44.3	48.6	55.9	59.7	63.1	63.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	44.3	48.6	55.9	59.7	63.1	63.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	45.2	49.5	57.2	61.1	64.7	65.5	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	47.6	52.4	60.8	65.1	69.0	69.8	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	49.4	54.1	62.7	67.0	70.8	71.7	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	51.5	56.2	64.9	69.4	73.4	74.2	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	52.4	57.1	65.8	70.2	74.2	75.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	52.5	57.2	66.0	70.4	74.4	75.4	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	53.2	57.9	66.8	71.4	75.4	76.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	54.1	58.8	67.7	72.2	76.2	77.3	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	54.9	59.7	68.5	73.1	77.1	78.1	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	55.4	60.1	69.0	73.5	77.5	78.7	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	55.8	60.5	69.4	74.0	78.1	79.3	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	55.9	60.7	69.8	74.7	79.3	80.4	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	56.2	60.9	70.4	75.3	80.1	81.3	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	56.2	60.9	70.4	75.3	80.1	81.3	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	57.1	61.8	71.5	76.5	81.4	82.5	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	58.2	62.9	72.8	78.0	83.0	84.5	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	58.5	63.2	73.1	78.4	83.8	85.4	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	58.5	63.2	73.1	78.5	84.0	85.7	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	58.9	63.7	73.7	79.8	85.6	87.4	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 700	59.4	64.1	74.5	81.1	87.1	89.3	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	59.5	64.2	74.7	81.3	87.7	90.0	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	59.5	64.2	74.7	81.7	88.7	91.6	93.3	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	59.5	64.2	74.8	81.8	89.0	91.6	93.8	95.4	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	59.5	64.2	74.8	82.0	89.1	92.0	94.1	95.3	95.9	95.9	97.1	97.3	97.3	97.3	97.3	97.3	97.4
GE 200	59.5	64.2	74.8	82.0	89.1	92.0	94.3	96.6	97.1	97.2	98.0	98.1	98.3	98.3	98.3	98.3	98.3
GE 100	59.5	64.2	74.8	82.0	89.1	92.0	94.3	96.6	97.3	97.4	98.1	98.3	98.7	98.7	99.1	99.1	99.1
GE 220	59.5	64.2	74.8	82.0	89.1	92.0	94.3	96.6	97.3	97.4	98.1	98.3	98.7	98.7	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 699



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	55.0	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	61.4	64.0	67.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	61.4	64.0	67.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	61.4	64.0	67.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	61.5	64.1	67.7	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 12000	61.9	64.7	68.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	65.4	68.2	72.2	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	67.2	70.2	74.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	69.8	72.8	77.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	70.8	73.8	78.5	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	71.0	73.9	78.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	71.0	73.9	78.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	71.6	74.6	79.3	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	72.3	75.3	80.1	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	73.4	76.4	81.2	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	74.5	77.5	82.6	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	76.0	79.1	84.4	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	77.5	81.1	86.8	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	78.2	81.5	87.1	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	79.5	83.1	88.6	91.4	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	80.2	83.8	89.8	93.1	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	80.8	84.5	91.1	94.9	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	81.0	84.7	91.5	95.4	96.3	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	81.1	85.1	92.0	95.8	97.1	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	81.2	85.2	92.2	96.4	97.7	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	81.2	85.2	92.3	96.6	98.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	81.4	85.3	92.4	96.7	98.3	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	81.4	85.3	92.4	96.7	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.4	85.3	92.4	96.7	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.4	85.3	92.4	96.7	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.4	85.3	92.4	96.7	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.4	85.3	92.4	96.7	98.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	54.0	55.7	56.2	56.2	56.2	56.2	55.2	56.2	55.2	55.2	55.2	55.2	56.2	56.2	55.2
GE 20000	66.4	67.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	66.4	67.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	66.4	67.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	66.4	67.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	67.6	68.8	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	72.1	73.5	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	73.4	74.7	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	75.6	77.1	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	76.6	78.2	80.5	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	75.8	78.3	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	78.0	79.6	81.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	79.1	80.7	83.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	82.4	84.4	86.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	84.5	86.6	89.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	85.2	88.7	91.4	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	88.4	91.4	94.2	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	88.9	92.0	94.8	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	88.9	92.0	94.8	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	89.5	92.5	95.4	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	89.6	92.9	95.9	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	90.0	93.1	96.3	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	90.0	93.1	96.6	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	90.1	93.2	96.7	98.8	99.3	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.1	93.2	96.7	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: MAY HOURS: 15-17

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL		53.7	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000		68.1	69.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000		68.1	69.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000		68.1	69.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000		68.1	69.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000		68.7	69.7	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000		74.2	75.5	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000		74.7	75.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000		77.6	79.1	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000		78.9	80.6	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000		79.6	81.3	84.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000		82.3	83.9	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500		84.1	85.9	88.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000		85.9	88.0	91.6	92.9	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500		87.4	89.5	93.5	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000		88.4	90.6	94.7	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500		88.9	91.1	95.3	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2200		88.9	91.1	95.3	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800		88.9	91.1	95.3	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500		88.9	91.3	95.4	97.9	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200		88.9	91.3	95.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000		88.9	91.3	95.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900		88.9	91.3	95.4	98.1	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800		88.9	91.3	95.4	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700		88.9	91.3	95.6	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		88.9	91.3	95.6	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722125

STATION NAME: MCENTIRE ANG B SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: MAY HOURS: 18-20

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL		52.4	52.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	63.7	64.2	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	63.7	64.2	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	63.7	64.2	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	64.0	64.5	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	64.5	65.1	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	72.4	71.2	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	71.2	72.0	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	75.2	76.4	78.8	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	76.9	76.1	80.7	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	78.1	79.4	81.9	82.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	81.0	82.2	84.7	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	82.7	84.1	86.9	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	84.1	85.7	88.8	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	84.7	86.8	90.4	92.3	92.9	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	85.5	88.5	92.3	94.2	94.8	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	86.5	88.5	92.3	94.2	95.0	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	86.5	88.5	92.5	94.3	95.1	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	86.9	89.0	92.9	94.8	95.6	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	87.3	89.3	93.7	95.6	96.4	97.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	87.3	89.3	93.7	95.6	96.4	97.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	87.3	89.3	93.7	95.8	96.7	97.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	87.3	89.3	93.9	95.9	96.9	97.5	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	87.4	89.5	94.2	96.4	97.3	98.0	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	87.6	89.6	94.3	96.5	98.0	98.6	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.6	89.6	94.3	96.5	98.0	98.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	6 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	56.8	57.0	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1
GE 2000	63.5	64.3	65.1	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1
GE 1800	63.5	64.3	65.1	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1
GE 1600	63.5	64.3	65.1	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1
GE 1400	63.5	64.3	65.1	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1
GE 1200	64.1	64.8	65.6	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7	66.7
GE 1000	70.6	71.6	72.9	73.4	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.5
GE 900	71.9	72.9	74.5	75.0	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.0	76.0
GE 800	76.8	78.1	80.2	81.0	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0
GE 700	77.1	78.4	80.5	81.3	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3
GE 600	77.6	78.9	81.0	81.8	82.0	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8
GE 500	79.7	81.0	83.1	83.9	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.9	84.9
GE 450	81.5	83.1	85.2	85.9	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0
GE 400	83.3	85.2	87.8	88.5	88.8	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6
GE 350	85.7	87.8	91.1	91.9	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2
GE 300	86.7	88.8	92.2	93.0	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5
GE 250	87.0	89.3	92.7	93.5	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1
GE 200	87.2	89.6	93.0	93.8	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3
GE 180	87.2	89.6	93.0	93.8	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3
GE 150	87.2	89.6	93.0	93.8	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.6
GE 120	87.5	89.8	93.8	94.5	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4
GE 100	88.0	90.4	94.3	95.3	96.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4
GE 90	88.3	90.6	94.5	95.6	96.6	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7
GE 80	89.1	91.4	95.3	96.4	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 70	89.1	91.4	95.3	96.4	97.9	97.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5
GE 60	89.3	91.7	95.6	96.6	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
GE 50	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 40	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 30	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 20	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 10	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 0	89.3	91.7	95.6	96.6	98.4	98.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 384

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	52.4	54.8	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5
GE 2000	61.3	63.1	66.1	67.2	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1800	61.3	63.1	66.1	67.2	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1600	61.3	63.1	66.1	67.2	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1400	61.4	63.2	66.1	67.3	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200	62.1	64.0	67.0	68.2	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1000	66.6	68.7	72.2	73.5	74.2	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 900	67.8	70.0	73.6	74.8	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 800	70.8	73.1	76.8	78.2	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
GE 700	71.9	74.2	78.2	79.8	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 600	72.3	74.6	78.6	80.2	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 500	73.7	76.1	80.1	81.7	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
GE 450	75.0	77.4	81.4	83.2	83.9	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 400	76.7	79.2	83.6	85.5	86.3	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 350	78.0	80.7	85.2	87.4	88.2	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 300	79.1	82.0	86.7	88.9	89.8	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
GE 250	80.1	83.0	87.9	90.1	91.2	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 200	80.6	83.7	88.6	90.9	92.1	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 180	80.8	83.8	88.8	91.1	92.3	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 150	81.4	84.5	89.6	92.1	93.3	93.6	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 120	81.8	84.9	90.2	92.9	94.2	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 100	82.1	85.2	90.6	93.5	95.0	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 90	82.1	85.3	92.8	93.8	95.2	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
GE 80	82.3	85.5	91.2	94.4	96.1	95.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 70	82.5	85.6	91.4	94.8	96.7	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
GE 60	82.5	85.7	91.5	94.9	96.9	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 50	82.5	85.7	91.5	95.0	97.2	98.0	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 40	82.5	85.7	91.5	95.0	97.2	98.0	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
GE 30	82.5	85.7	91.5	95.0	97.2	98.1	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE 20	82.5	85.7	91.5	95.0	97.2	98.1	98.6	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8
GE 10	82.5	85.7	91.5	95.0	97.2	98.1	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.9	100.0
GE 0	82.5	85.7	91.5	95.0	97.2	98.1	98.8	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4208

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGE SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 26-28

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.1	35.9	43.9	50.2	53.6	55.4	56.1	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.4
GE 20000	32.8	40.1	48.7	55.6	59.1	61.2	62.2	63.0	63.4	63.4	63.7	63.7	63.9	63.9	63.9	64.0
GE 18000	32.8	40.1	48.7	55.6	59.1	61.2	62.2	63.0	63.4	63.4	63.7	63.7	63.9	63.9	63.9	64.0
GE 16000	32.8	40.1	48.7	55.6	59.1	61.2	62.2	63.0	63.4	63.4	63.7	63.7	63.9	63.9	63.9	64.0
GE 14000	33.5	40.8	49.4	56.3	59.8	61.9	62.9	63.7	64.1	64.1	64.4	64.4	64.6	64.6	64.6	64.7
GE 12000	34.6	41.9	50.5	57.7	61.3	63.7	64.7	65.5	66.0	66.0	66.2	66.2	66.4	66.4	66.4	66.5
GE 10000	38.3	46.3	55.1	62.7	67.4	70.0	71.2	72.0	72.4	72.4	72.7	72.7	72.9	72.9	72.9	73.0
GE 9000	39.4	46.8	55.7	63.3	67.9	70.9	72.0	72.9	73.3	73.3	73.6	73.6	73.7	73.7	73.7	73.8
GE 8000	41.2	49.1	58.4	66.0	70.6	73.6	74.7	75.5	75.9	75.9	76.2	76.2	76.4	76.4	76.4	76.5
GE 7000	42.6	52.5	59.9	67.5	72.4	75.4	76.5	77.4	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.3
GE 6000	42.0	50.9	60.3	67.9	72.9	75.8	76.9	77.8	78.2	78.2	78.5	78.5	78.6	78.6	78.6	78.8
GE 5200	43.0	50.9	60.3	67.9	73.0	75.9	77.1	77.9	78.3	78.3	78.6	78.6	78.8	78.8	78.8	78.9
GE 4500	43.0	50.9	60.5	68.2	73.3	76.2	77.4	78.2	78.6	78.6	78.9	78.9	79.0	79.0	79.0	79.2
GE 4000	43.5	51.5	61.2	68.9	74.4	77.4	78.6	79.6	80.0	80.0	80.3	80.3	80.5	80.5	80.5	80.6
GE 3500	43.5	51.5	61.2	68.9	74.4	77.4	78.6	79.6	80.0	80.0	80.3	80.3	80.5	80.5	80.5	80.6
G 3000	43.7	51.8	61.6	69.5	75.0	77.9	79.2	80.2	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.2
GE 2500	43.9	52.0	62.0	69.9	75.5	78.6	79.9	80.9	81.3	81.3	81.6	81.6	81.7	81.7	81.7	81.9
GE 2000	44.7	53.0	63.4	71.3	76.9	80.2	81.7	82.7	83.1	83.1	83.4	83.4	83.5	83.5	83.5	83.7
GE 1800	44.7	53.2	63.6	71.6	77.2	80.5	82.0	83.1	83.5	83.5	83.8	83.8	84.0	84.0	84.0	84.1
GE 1500	45.7	54.3	64.8	73.0	78.8	82.2	83.5	84.7	85.1	85.1	85.4	85.4	85.5	85.5	85.5	85.7
GE 1200	46.3	55.1	66.1	74.4	80.7	84.1	85.7	86.8	87.2	87.2	87.5	87.5	87.6	87.6	87.6	87.8
GE 1000	46.4	55.6	66.8	75.4	81.9	85.4	86.9	88.0	88.5	88.5	88.7	88.7	88.9	88.9	88.9	89.0
GE 900	46.4	55.6	67.1	75.8	82.4	86.4	88.2	89.5	89.9	89.9	90.2	90.2	90.3	90.3	90.3	90.4
GE 800	46.8	56.0	67.8	76.7	83.4	87.3	89.5	90.7	91.1	91.1	91.4	91.4	91.6	91.6	91.6	91.7
GE 700	47.0	56.3	68.1	77.1	84.2	88.2	90.3	91.7	92.1	92.1	92.4	92.4	92.5	92.5	92.5	92.7
GE 600	47.4	56.8	68.8	77.9	85.7	90.2	92.5	94.2	94.7	94.7	94.9	94.9	95.1	95.1	95.1	95.2
GE 500	47.5	57.0	68.9	78.3	86.1	90.9	93.7	95.5	96.2	96.2	96.5	96.5	96.6	96.6	96.6	96.8
GE 400	47.5	57.0	68.9	78.3	86.1	90.9	94.0	96.1	96.9	96.9	97.3	97.3	97.5	97.5	97.5	97.6
GE 300	47.5	57.0	68.9	78.3	86.1	90.9	94.2	96.9	97.9	97.9	98.3	98.3	98.5	98.5	98.6	98.7
GE 200	47.5	57.0	68.9	78.3	86.1	90.9	94.5	97.2	98.2	98.2	98.9	98.9	99.2	99.2	99.6	99.9
GE 100	47.5	57.0	68.9	78.3	86.1	90.9	94.5	97.2	98.2	98.2	98.9	98.9	99.2	99.2	99.7	100.0
GE 200	47.5	57.0	68.9	78.3	86.1	90.9	94.5	97.2	98.2	98.2	98.9	98.9	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 85  
MONTH: JUN HOURS: 05-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	47.7	55.6	59.1	60.0	60.2	60.0	62.0	60.0	60.2	60.0	62.0	62.0	60.0	60.0	60.0
GE 20000	49.2	55.6	64.1	67.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	49.4	55.8	64.3	68.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	49.4	55.8	64.3	68.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	49.6	55.9	64.4	68.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 12000	51.2	57.8	66.3	70.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 10000	54.9	61.8	70.9	74.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	56.2	63.1	72.2	76.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	57.9	64.9	74.2	78.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	58.2	65.2	74.8	78.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	58.4	65.4	75.0	78.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	58.9	65.9	75.6	79.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	59.2	66.3	76.0	79.9	81.3	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	59.7	66.9	76.6	80.7	82.4	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	60.3	67.7	77.4	82.0	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	61.3	68.8	78.8	83.3	85.2	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	63.1	70.7	80.8	85.3	87.3	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	64.7	72.6	82.9	87.6	89.6	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	64.9	73.0	83.4	88.1	90.1	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	66.0	74.3	85.0	89.9	92.1	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	67.6	76.1	87.2	92.6	94.9	95.6	95.9	95.9	95.0	95.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	68.1	76.7	88.0	93.6	95.9	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	68.2	76.8	88.1	93.7	96.0	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	68.4	77.0	88.3	94.2	96.9	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	68.6	77.1	89.4	94.3	97.1	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	68.6	77.1	88.4	94.3	97.4	98.6	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	68.6	77.1	88.4	94.6	97.9	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	49.6	57.6	59.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	54.0	59.6	68.0	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	54.0	59.6	68.0	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	54.0	59.6	68.0	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	54.1	59.7	68.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	55.8	61.4	70.1	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	61.0	66.8	76.0	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	61.6	67.3	76.7	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	64.7	70.4	79.8	82.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	65.2	71.0	80.3	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	65.6	71.3	80.7	83.0	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	66.2	72.2	81.6	83.9	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	66.8	72.8	82.1	84.6	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	68.4	74.7	84.2	87.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	70.9	77.3	87.1	90.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	72.7	79.2	89.2	92.7	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	73.7	80.4	90.9	94.6	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	74.3	81.3	91.9	95.7	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	74.6	81.7	92.2	96.0	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	75.2	82.3	93.0	96.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	75.3	82.4	93.1	97.3	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	75.4	82.6	93.2	97.4	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	75.4	82.6	93.2	97.6	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	75.4	82.6	93.2	97.7	99.0	99.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	75.4	82.6	93.2	97.7	99.0	99.1	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	75.4	82.6	93.2	97.7	99.0	99.1	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	75.4	82.6	93.2	97.7	99.0	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN HOURS: 15-17

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL		46.1	50.8	57.3	52.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 2000	55.6	62.5	69.3	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1800	55.6	62.5	69.3	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1600	55.6	62.5	69.3	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1400	56.1	61.0	69.8	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1200	57.5	62.4	71.2	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1000	63.6	69.3	78.7	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 900	64.7	70.4	80.1	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 800	66.7	72.4	82.9	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 700	67.1	72.8	83.4	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 600	67.9	73.8	84.4	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 500	69.0	75.2	85.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 450	69.7	75.9	86.8	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 400	71.3	77.9	89.4	91.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 350	72.2	78.9	90.8	93.3	94.5	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	73.3	80.1	92.0	94.8	96.3	97.1	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 250	73.4	80.2	92.2	94.9	96.4	97.3	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	73.7	82.7	92.7	95.6	97.1	97.9	98.5	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 180	73.7	80.7	92.7	95.6	97.1	97.9	98.5	98.6	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 150	73.7	82.7	93.0	96.0	97.5	98.4	98.9	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 120	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 90	73.7	80.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	73.7	80.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	73.7	80.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	73.7	80.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	73.7	82.7	93.0	96.0	97.7	98.5	99.0	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 729

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	52.6	58.3	59.3	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	56.2	62.9	70.5	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	56.2	62.9	70.5	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 16000	56.2	62.9	70.5	71.6	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 14000	56.3	63.0	70.7	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 12000	57.4	64.1	71.9	73.0	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	63.2	70.0	78.2	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	64.2	71.3	79.7	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	65.7	72.9	81.6	83.0	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	66.0	73.2	82.1	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	66.5	73.6	82.5	83.9	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	67.9	75.4	84.6	85.2	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	69.0	76.6	86.1	87.7	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	72.5	78.6	88.8	91.0	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	71.5	79.7	90.0	92.6	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	71.6	79.9	90.8	93.6	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3
GE 2500	71.6	79.9	91.1	93.9	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
GE 2200	71.8	80.0	91.4	94.4	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
GE 1800	71.8	80.0	91.4	94.4	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
GE 1500	71.8	80.2	91.6	94.5	96.4	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 1200	71.8	80.2	91.6	94.5	96.4	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0
GE 1000	71.8	82.2	91.7	94.9	97.0	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.8	98.8	98.8
GE 900	71.8	80.2	91.7	94.9	97.0	97.7	98.4	98.6	98.6	98.5	98.6	98.6	98.6	99.1	99.1	99.1
GE 800	71.9	80.3	91.9	95.0	97.2	97.8	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.2	99.2	99.2
GE 700	71.9	80.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 600	71.9	80.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 500	71.9	82.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 400	71.9	82.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 300	71.9	82.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 200	71.9	82.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	71.9	82.7	92.2	95.3	97.7	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"  
LSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	51.7	56.0	62.1	63.7	64.5	65.2	65.0	65.0	65.2	65.0	65.0	65.2	65.2	65.0	65.2	65.2
GE 20200	58.3	63.4	71.4	72.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18020	56.3	63.4	71.4	72.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	58.3	63.4	71.4	72.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14020	58.8	63.9	71.9	73.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	59.6	64.7	71.6	74.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10020	65.0	70.1	78.0	79.5	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9200	65.5	70.8	79.0	80.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	67.0	72.4	81.1	82.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7200	68.0	73.4	82.1	83.6	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6200	68.3	73.7	82.4	83.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5200	69.6	75.2	84.1	85.7	85.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	70.3	77.0	85.9	87.5	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	70.8	77.5	87.0	88.5	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3520	71.4	78.0	87.7	89.5	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3020	71.4	78.0	88.5	90.3	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2520	71.4	78.0	89.3	91.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2200	71.6	78.3	89.6	92.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	71.9	78.5	90.0	92.6	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1520	71.9	78.5	90.0	92.6	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	72.1	78.8	90.5	93.1	95.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	96.4	96.4	96.4	95.4
GE 1000	72.6	79.3	91.3	92.9	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 920	72.6	79.3	91.3	93.9	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	73.1	79.8	92.1	94.6	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	73.1	79.5	92.1	94.9	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 620	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 520	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	73.1	79.8	92.1	94.9	98.2	98.7	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 391

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG8 SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL	42.9	48.1	55.4	58.0	59.1	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	50.4	56.5	64.9	67.7	69.0	69.4	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	50.5	56.5	64.9	67.8	69.0	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	50.5	56.5	64.9	67.8	69.0	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	50.8	56.9	65.2	68.1	69.4	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 12000	52.2	58.3	66.7	69.7	71.1	71.6	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	57.2	63.5	72.4	75.5	77.0	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 9000	58.1	64.5	73.5	76.6	78.2	78.7	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	60.0	66.6	76.0	79.2	80.8	81.4	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	60.7	67.2	76.7	80.0	81.6	82.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	61.1	67.7	77.2	80.4	82.0	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	61.8	68.6	78.2	81.4	83.0	83.7	83.9	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
GE 4500	62.4	69.3	79.0	82.3	84.0	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 4000	63.5	72.6	80.6	84.2	86.2	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 3500	64.4	71.7	81.9	85.8	88.0	88.5	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	65.3	72.6	83.1	87.1	89.4	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	65.9	73.3	84.1	88.2	90.5	91.5	91.8	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 2000	66.6	74.2	85.1	89.4	91.8	92.7	93.1	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6
GE 1800	66.7	74.4	85.4	89.7	92.0	93.0	93.4	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1500	67.3	75.2	86.1	90.5	93.0	93.9	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 1200	67.7	75.6	86.9	91.5	94.1	95.1	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	68.0	75.8	87.3	92.0	94.7	95.7	96.3	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 900	68.0	75.9	87.4	92.1	94.9	96.0	96.6	96.8	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 800	68.2	76.1	87.6	92.5	95.3	96.4	97.1	97.4	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.8
GE 700	68.2	76.2	87.7	92.6	95.6	96.8	97.5	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.2
GE 600	68.3	76.3	87.9	92.8	96.0	97.3	98.1	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 500	68.3	76.3	87.9	92.9	96.1	97.5	98.4	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
GE 400	68.3	76.3	87.9	92.9	96.1	97.5	98.5	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	68.3	76.3	87.9	92.9	96.1	97.5	98.5	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	68.3	76.3	87.9	92.9	96.1	97.5	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0
GE 100	68.3	76.2	87.9	92.9	96.1	97.5	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	68.3	76.3	87.9	92.9	96.1	97.5	98.5	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 25-28

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.3	25.8	22.4	38.3	45.1	53.3	53.9	55.6	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2
GE 20220	26.4	32.3	39.6	45.8	54.0	59.9	63.8	65.6	65.9	65.9	66.4	66.4	66.6	66.6	66.7	66.9
GE 18020	26.4	32.3	39.6	45.8	54.0	59.9	63.8	65.6	65.9	65.9	66.4	66.4	66.6	66.6	66.7	66.9
GE 16020	26.4	32.3	39.6	45.8	54.0	59.9	63.8	65.6	65.9	65.9	66.4	66.4	66.6	66.6	66.7	66.9
GE 14020	26.4	32.3	39.6	46.1	54.3	60.2	64.1	65.9	66.1	66.1	66.7	66.7	66.9	66.9	67.2	67.1
GE 12020	27.7	33.7	41.5	48.1	56.5	62.4	66.6	68.3	68.6	68.6	69.2	69.2	69.2	69.3	69.6	69.7
GE 10020	31.8	37.9	46.4	53.5	61.8	67.9	72.2	73.9	74.2	74.2	74.8	74.8	74.9	74.9	75.2	75.4
GE 9020	32.1	38.2	46.7	53.7	62.2	68.3	72.6	74.5	75.1	75.1	75.6	75.6	75.8	75.8	76.1	76.2
GE 8020	34.0	40.5	49.4	56.6	65.3	71.9	76.4	78.1	78.7	78.7	79.3	79.3	79.4	79.4	79.7	79.8
GE 7020	34.6	41.1	50.0	57.2	65.9	72.5	77.1	78.8	79.4	79.4	80.0	80.0	80.1	80.1	80.4	80.5
GE 6020	35.3	41.8	51.0	58.4	67.0	73.5	78.2	80.0	80.5	80.5	81.1	81.1	81.3	81.3	81.6	81.7
GE 5020	35.6	42.1	51.3	58.6	67.3	73.9	78.5	80.3	80.8	80.8	81.4	81.4	81.5	81.6	81.8	82.0
GE 4520	36.0	42.5	51.9	59.2	67.9	74.5	79.1	80.3	81.4	81.4	82.0	82.0	82.3	82.3	82.6	82.7
GE 4220	36.0	42.5	51.9	59.2	68.0	74.6	79.3	81.0	81.6	81.6	82.1	82.1	82.4	82.4	82.7	82.9
GE 3520	36.0	42.5	51.9	59.5	68.3	75.1	79.7	81.4	82.0	82.0	82.6	82.6	82.9	82.9	83.1	83.3
GE 3200	36.2	42.7	52.0	59.7	68.4	75.4	80.0	81.7	82.3	82.3	82.9	82.9	83.1	83.1	83.4	83.6
GE 2500	36.3	42.8	52.2	59.8	68.6	75.5	80.1	81.8	82.4	82.4	83.0	83.0	83.3	83.3	83.6	83.7
GE 2200	37.2	43.7	53.0	60.7	69.5	76.4	81.0	82.9	83.4	83.4	84.0	84.0	84.3	84.3	84.6	84.7
GE 1800	37.3	43.8	53.2	62.8	69.6	76.5	81.1	83.0	83.6	83.6	84.1	84.1	84.4	84.4	84.7	84.9
GE 1520	37.5	43.9	53.5	61.2	70.0	76.9	81.6	83.6	84.1	84.1	84.7	84.7	85.0	85.0	85.3	85.4
GE 1200	37.9	44.4	54.2	62.1	71.0	78.2	82.9	85.0	85.6	85.6	86.2	86.2	86.5	86.5	86.7	86.9
GE 1000	38.3	44.8	54.6	62.5	71.8	79.0	83.7	85.9	86.5	86.5	87.0	87.0	87.3	87.3	87.6	87.8
GE 900	38.5	45.0	55.0	63.0	72.2	79.7	84.4	86.9	87.5	87.5	88.2	88.2	88.3	88.3	88.6	88.8
GE 800	38.6	45.1	55.6	63.7	73.1	81.0	85.7	88.3	88.9	88.9	89.5	89.5	89.8	89.8	90.1	90.2
GE 700	39.2	45.8	56.5	64.6	74.2	82.3	87.2	89.6	90.3	90.5	91.1	91.1	91.4	91.4	91.6	91.8
GE 600	39.5	46.1	56.8	65.1	74.9	83.1	88.3	91.1	91.9	92.1	92.7	92.7	92.9	92.9	93.2	93.4
GE 520	39.5	46.1	56.9	65.9	76.1	84.4	89.8	92.7	93.5	93.7	94.2	94.2	94.5	94.5	94.8	95.0
GE 480	39.5	46.1	57.1	66.0	76.5	85.0	90.9	93.6	94.7	95.0	95.5	95.5	95.8	95.8	96.1	96.3
GE 380	39.5	46.1	57.1	66.0	76.5	85.2	91.5	94.5	95.4	95.7	96.4	96.5	97.0	97.1	97.4	97.5
GE 280	39.5	46.1	57.1	66.0	76.5	85.3	92.1	95.2	96.3	96.5	97.4	97.6	98.3	98.4	99.1	99.3
GE 180	39.5	46.1	57.1	66.0	76.5	85.3	92.1	95.2	96.4	96.7	97.6	98.2	98.7	98.8	99.6	100.0
GE 80	39.5	46.1	57.1	66.0	76.5	85.3	92.1	95.2	96.4	96.7	97.6	98.2	98.7	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 594

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	43.1	51.2	57.5	61.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 2000	41.6	49.9	59.0	66.1	70.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1800	41.6	49.9	59.0	66.1	70.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1600	41.6	49.9	59.0	66.1	70.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 1400	41.7	50.1	59.6	66.7	70.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1200	43.9	52.5	62.2	69.3	73.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1000	48.6	57.4	67.6	74.8	79.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 900	49.3	58.1	68.3	75.5	79.7	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 800	51.7	60.6	71.0	78.6	82.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 700	52.0	60.9	71.4	78.9	83.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	52.5	61.4	71.8	79.4	83.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 500	52.5	61.4	71.8	79.6	84.0	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 450	52.7	61.6	72.1	80.0	84.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 400	53.2	62.1	72.5	80.4	84.8	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 350	53.8	62.8	73.4	81.4	86.0	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	54.5	63.5	74.1	82.1	86.8	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 250	54.9	63.9	74.6	82.6	87.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 200	55.8	64.9	75.6	83.7	88.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 180	56.4	65.5	76.2	84.3	89.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 150	56.9	66.3	77.1	85.3	90.1	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 120	57.6	67.6	78.7	87.2	92.1	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 100	57.7	67.7	78.9	87.4	92.8	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 90	58.2	68.2	79.6	88.2	93.8	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 80	58.3	68.3	80.0	88.9	95.0	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 70	58.6	68.7	80.4	89.6	95.9	97.9	98.2	98.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 60	58.8	68.7	80.5	89.7	96.0	98.2	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 50	58.8	68.8	82.5	92.0	96.4	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	58.8	68.8	82.6	90.0	96.7	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	58.8	68.8	80.6	90.0	96.7	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	58.8	68.8	82.6	90.0	96.7	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	58.8	68.8	82.6	90.0	96.7	98.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	58.8	68.8	80.6	90.0	96.7	93.9	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.3	41.7	51.1	55.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 2000	44.7	52.1	63.4	68.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	44.7	52.1	63.4	68.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1600	44.7	52.1	63.4	68.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1400	44.7	52.1	63.4	68.9	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1200	45.7	53.1	64.6	70.0	73.2	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1000	51.1	58.7	70.7	75.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 900	52.2	59.8	71.8	77.6	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 800	54.8	62.6	74.8	80.6	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 700	55.3	63.1	75.3	81.1	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	55.3	63.1	75.4	81.3	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 500	55.7	63.6	76.1	82.0	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 450	56.1	64.0	76.7	82.6	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 400	57.5	65.5	78.4	84.6	88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 350	59.3	67.5	80.7	87.0	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 300	60.7	69.4	82.9	89.3	92.3	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 250	62.2	70.9	84.4	91.1	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	63.0	71.8	85.4	92.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 180	63.0	71.8	85.4	92.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 160	63.1	72.0	85.9	92.9	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 140	63.6	72.4	86.6	93.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 120	63.8	72.6	87.0	94.1	98.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 90	63.9	72.8	87.1	94.4	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 80	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 70	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 60	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	64.0	72.9	87.2	94.6	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 870



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: JUL HOURS: 15-17

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE ?
NO CEIL	31.1	36.7	44.1	48.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	44.9	51.9	61.5	67.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 18000	44.9	51.9	61.5	67.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	44.9	51.9	61.5	67.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	45.0	52.0	61.6	67.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	45.7	53.7	63.5	69.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	53.6	60.9	71.5	78.1	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	54.3	61.6	72.7	79.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	57.0	64.7	75.9	82.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	57.6	65.3	76.4	83.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	57.6	65.3	76.6	83.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	58.2	65.8	77.5	84.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	58.6	66.4	78.2	85.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	60.3	68.2	80.1	87.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	61.9	70.2	82.1	90.4	94.8	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	62.3	70.6	82.6	91.1	95.5	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	63.2	71.5	83.5	92.2	96.7	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	63.6	72.0	84.0	92.5	97.1	97.4	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	63.6	72.0	84.0	92.6	97.1	97.4	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	63.7	72.1	84.1	92.7	97.4	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	63.9	72.2	84.4	93.0	97.6	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	63.9	72.2	84.4	93.3	97.9	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	63.9	72.2	84.4	93.3	97.9	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	64.4	72.9	85.1	94.0	98.7	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	64.4	72.9	85.1	94.0	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	64.4	72.9	85.1	94.0	96.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722105

STATION NAME: MCENTIRE ANSB CD  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	29.9	35.7	42.5	46.5	48.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	44.7	52.7	61.8	68.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	44.7	52.7	61.8	68.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	44.7	52.7	61.8	68.7	70.9	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	45.0	53.0	62.1	69.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	46.9	55.0	64.2	71.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	54.1	62.6	71.7	79.1	81.4	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9200	55.3	63.8	73.3	81.1	83.5	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	57.7	65.4	76.4	84.3	86.8	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	57.9	66.5	76.6	84.4	86.9	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	57.9	66.7	76.7	84.6	87.1	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	59.0	68.1	78.1	86.2	88.8	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	59.1	68.2	78.5	86.5	89.2	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4000	60.2	69.7	80.2	88.4	92.1	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	60.7	70.1	80.7	89.5	93.7	94.2	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	61.2	70.6	81.3	90.1	94.5	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	61.8	71.2	81.9	90.7	95.1	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	62.3	71.9	82.5	91.4	95.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	62.4	72.0	82.7	91.5	96.1	97.0	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	62.6	72.2	82.9	91.7	96.4	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	62.7	72.3	83.2	91.8	96.5	97.5	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	62.7	72.5	83.2	92.0	96.7	97.6	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	62.9	72.6	83.3	92.1	96.9	97.8	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	63.1	72.8	83.5	92.5	97.3	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	63.1	72.8	83.5	92.5	97.3	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.1	72.8	83.5	92.5	97.3	98.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.1	72.8	83.5	92.5	97.3	96.7	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/6	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	43.1	52.5	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	48.6	57.9	69.4	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 15000	48.6	57.9	69.4	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	48.6	57.9	69.4	73.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	48.8	58.2	69.6	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	51.4	60.8	72.2	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	57.4	67.0	78.7	82.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000	58.2	68.1	79.7	83.9	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	59.7	70.1	81.8	86.2	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	60.3	70.6	82.3	86.8	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	60.3	70.6	82.3	86.8	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	61.3	71.7	83.4	87.8	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	61.6	71.9	83.6	88.1	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	63.1	73.5	85.5	90.6	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	63.6	74.0	86.8	92.2	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	63.9	74.3	87.3	92.7	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	64.2	74.5	87.5	93.0	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	64.4	74.6	88.1	93.5	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	64.4	74.8	88.1	93.5	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	64.4	74.8	88.3	94.0	96.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	64.4	74.8	88.3	94.0	96.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	64.7	75.1	89.6	94.3	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	64.7	75.1	89.6	94.3	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	65.2	75.6	89.1	94.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	65.2	75.6	89.1	94.8	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	65.7	76.1	89.6	95.3	97.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	66.2	76.6	90.1	95.8	98.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	66.2	76.6	90.1	95.8	98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.2	76.6	90.1	95.8	98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	76.6	90.1	95.8	98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	76.6	90.1	95.8	98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.2	75.6	90.1	95.8	98.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 365

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.6	37.7	45.6	52.3	53.5	54.7	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	41.4	48.9	59.5	64.6	68.3	69.7	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	41.4	48.9	58.5	64.6	68.3	69.7	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	41.4	48.9	58.5	64.6	68.3	69.7	70.4	72.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	41.5	49.1	58.8	64.9	68.6	70.0	70.7	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	43.2	52.9	60.7	66.9	70.7	72.0	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3
GE 10000	48.8	56.7	67.0	73.6	77.5	78.9	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2
GE 9000	49.6	57.5	68.0	74.6	78.6	80.1	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5
GE 8000	52.0	60.1	70.9	77.6	81.7	83.3	84.1	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7
GE 7000	52.4	60.6	71.3	78.0	82.2	83.8	84.6	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 6000	52.6	60.8	71.6	78.4	82.5	84.2	85.0	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6
GE 5000	53.1	61.4	72.3	79.2	83.3	85.0	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4
GE 4500	53.4	61.7	72.6	79.8	83.9	85.6	86.4	86.7	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 4000	54.4	62.8	73.9	81.2	85.8	87.5	88.4	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0
GE 3500	55.4	63.8	75.2	82.7	87.5	89.2	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8
GE 3000	56.0	64.6	76.0	83.6	88.5	90.2	91.2	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9
GE 2500	56.6	65.3	76.7	84.4	89.3	91.2	92.1	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 2000	57.3	66.0	77.5	85.3	90.3	92.1	93.1	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8
GE 1800	57.5	66.2	77.7	85.5	90.4	92.3	93.2	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 1500	57.7	66.4	78.1	85.9	91.0	92.9	93.9	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6
GE 1200	58.1	66.9	78.8	86.7	91.8	93.7	94.7	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.5	95.5
GE 1000	58.2	67.1	79.0	87.0	92.3	94.2	95.3	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 900	58.4	67.3	79.3	87.3	92.7	94.7	95.8	96.3	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6
GE 800	58.6	67.5	79.7	87.9	93.4	95.4	96.6	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5
GE 700	58.8	67.8	79.9	88.1	93.8	96.0	97.1	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.1
GE 600	58.9	67.9	80.0	88.3	94.2	96.2	97.5	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
GE 500	59.0	67.9	80.1	88.6	94.3	96.6	97.9	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 400	59.0	67.9	80.2	88.6	94.4	96.8	98.2	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3
GE 300	59.0	67.9	80.2	88.6	94.4	96.8	98.3	99.0	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5
GE 200	59.0	67.9	80.2	88.6	94.4	96.8	98.3	99.1	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.9
GE 100	59.0	67.9	80.2	88.6	94.4	96.8	98.3	99.1	99.3	99.4	99.5	99.5	99.7	99.8	99.9	100.0
GE 000	59.0	67.9	80.2	88.6	94.4	96.8	98.3	99.1	99.3	99.4	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4175

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 98  
MONTH: AUG HOURS: 06-23

CEILINGS		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		20.4	22.8	29.5	27.3	44.9	48.4	54.9	56.5	56.8	56.5	57.2	57.2	57.2	57.2	57.5	57.6
GE 2000		22.8	25.6	34.1	42.8	51.3	55.4	62.2	64.4	64.6	64.6	65.3	65.3	65.5	65.5	66.1	66.3
GE 1800		22.8	25.6	34.1	42.8	51.3	55.4	62.2	64.4	64.6	64.6	65.3	65.3	65.5	65.5	66.1	66.3
GE 1600		22.8	25.6	34.1	42.8	51.3	55.4	62.2	64.4	64.6	64.6	65.3	65.3	65.5	65.5	66.1	66.3
GE 1400		22.8	25.6	34.1	43.0	51.4	55.5	62.4	64.6	64.7	64.7	65.4	65.4	65.7	65.7	66.2	66.5
GE 1200		23.1	25.9	34.3	43.2	52.0	56.6	63.6	65.8	65.9	65.9	66.6	66.6	66.9	66.9	67.4	67.7
GE 1000		25.4	28.3	37.5	46.9	56.4	61.4	68.8	71.1	71.3	71.3	72.0	72.0	72.2	72.2	72.8	72.1
GE 900		26.4	29.3	38.6	48.2	58.0	63.1	70.5	72.8	72.9	72.9	73.6	73.6	73.9	73.9	74.4	74.7
GE 800		27.9	28.9	40.4	49.9	60.1	65.5	72.9	75.2	75.4	75.4	76.2	76.2	76.5	76.5	77.0	77.3
GE 700		27.9	30.9	40.5	50.1	60.2	65.7	73.1	75.4	75.6	75.6	76.5	76.5	76.7	76.7	77.2	77.6
GE 600		28.0	31.1	40.6	50.2	60.3	65.8	73.2	75.5	75.8	75.8	76.5	76.5	76.9	76.9	77.4	77.7
GE 500		28.5	31.5	41.0	50.6	60.7	66.2	73.6	75.9	76.2	76.2	77.0	77.0	77.3	77.3	77.8	78.1
GE 450		28.6	31.6	41.2	51.0	61.1	66.5	74.0	76.3	76.6	76.6	77.4	77.4	77.7	77.7	78.2	78.5
GE 400		29.4	32.4	42.3	52.1	62.7	68.3	75.6	78.0	78.2	78.2	79.1	79.1	79.3	79.3	79.9	80.2
GE 350		29.4	32.4	42.4	52.3	62.8	68.4	75.8	78.2	78.5	78.5	79.3	79.3	79.6	79.6	80.3	80.6
GE 300		29.7	32.7	42.7	52.5	63.2	68.9	76.3	78.8	79.1	79.1	79.9	79.9	80.3	80.3	80.8	81.1
GE 250		29.7	32.7	42.7	52.7	63.5	69.2	76.6	79.1	79.3	79.3	80.2	80.2	80.6	80.6	81.1	81.4
GE 200		30.0	33.0	43.0	52.9	64.2	70.0	77.4	79.9	80.2	80.2	81.0	81.0	81.4	81.4	81.9	82.2
GE 180		30.1	33.1	43.1	53.1	64.4	70.2	77.6	80.0	80.3	80.3	81.1	81.1	81.5	81.5	82.1	82.4
GE 150		30.1	33.2	43.2	53.5	65.0	70.7	78.1	80.6	80.8	80.8	81.7	81.7	82.2	82.2	82.8	83.0
GE 120		30.2	33.4	43.6	54.2	65.7	71.5	78.9	81.4	81.7	81.7	82.5	82.5	83.0	83.0	83.6	83.9
GE 100		30.8	33.9	44.3	55.1	66.8	72.9	80.4	82.9	83.2	83.2	84.0	84.0	84.5	84.5	85.1	85.4
GE 90		30.8	33.9	44.3	55.1	66.8	73.2	80.6	83.4	83.7	83.7	84.5	84.5	85.1	85.1	85.6	85.9
GE 80		30.8	34.1	44.6	55.7	67.3	74.4	82.6	85.2	85.5	85.5	86.3	86.3	86.9	86.9	87.4	87.7
GE 70		30.8	34.1	44.7	55.8	67.7	75.1	83.4	86.0	86.3	86.3	87.1	87.1	87.7	87.7	88.2	88.5
GE 60		30.8	34.2	44.9	56.2	68.5	76.1	84.8	87.5	87.8	87.8	88.6	88.6	89.2	89.2	89.7	90.2
GE 50		31.2	34.7	45.4	57.0	69.6	78.1	87.6	92.9	91.2	91.2	92.1	92.1	92.7	92.7	93.3	93.6
GE 40		31.2	34.7	45.4	57.2	69.9	78.5	88.2	91.9	92.5	92.7	93.6	93.6	94.3	94.3	94.8	95.1
GE 30		31.2	34.7	45.4	57.2	69.9	78.9	88.8	92.6	93.6	94.1	95.1	95.1	95.9	95.9	96.4	97.1
GE 20		31.2	34.7	45.4	57.2	69.9	78.5	88.8	92.9	93.8	94.5	95.8	95.8	96.7	96.7	97.4	98.6
GE 10		31.2	34.7	45.4	57.2	69.9	78.9	88.8	92.9	93.8	94.5	95.5	95.9	97.3	97.3	97.9	99.2
GE 0		31.2	34.7	45.4	57.2	69.9	78.9	88.8	92.9	93.8	94.5	95.8	95.9	97.3	97.3	98.2	102.2

TOTAL NUMBER OF OBSERVATIONS 731

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTINE ANGEO SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 2
NO CEIL	35.2	42.2	50.5	56.1	60.5	62.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	41.2	47.7	56.7	62.8	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	41.2	47.7	56.7	62.8	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	41.2	47.7	56.7	62.8	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	41.2	47.7	56.6	62.9	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	42.1	48.2	58.2	64.3	69.4	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	44.5	51.6	61.7	68.1	73.5	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	46.4	53.4	63.5	70.1	75.8	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	48.4	55.5	65.7	72.5	78.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	48.6	55.7	66.2	72.9	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	48.8	55.8	66.1	73.2	78.7	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	49.3	56.4	66.7	73.5	79.4	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	49.6	56.8	67.2	74.2	79.9	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	49.6	57.1	67.8	74.8	80.7	81.3	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	50.2	57.7	68.4	75.6	81.4	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3000	51.0	58.3	69.7	77.2	82.8	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	51.7	59.6	70.7	78.2	84.1	84.9	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	52.7	60.9	72.2	79.9	85.9	86.5	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	53.1	61.5	72.7	82.5	86.4	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	54.4	62.8	74.4	83.4	88.4	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	55.2	64.2	76.2	84.7	90.9	91.6	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	55.4	64.5	77.3	85.4	92.7	93.8	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	55.5	64.6	77.5	86.8	93.2	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	55.7	64.8	77.7	87.2	93.6	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	55.7	64.8	77.7	87.4	94.2	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	55.7	64.8	77.9	87.6	94.6	95.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	55.9	65.2	78.2	88.2	95.3	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	55.9	65.2	78.2	88.2	95.4	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	55.9	65.2	78.2	88.2	95.4	98.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	55.9	65.2	78.2	88.2	95.4	98.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	55.9	65.2	78.2	88.2	95.4	98.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	55.9	65.2	78.2	88.2	95.4	98.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION: A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: AUG HOURS: 12-14

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		38.3	44.0	51.8	57.3	60.2	62.8	62.8	69.8	62.8	63.8	62.8	62.8	62.8	60.8	60.8	60.8	60.8
GE 2000	45.1	51.6	60.7	65.7	69.9	70.6	70.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	70.6	70.6	70.6	70.6
GE 1800	45.2	51.9	60.6	66.8	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1600	45.2	51.9	60.8	66.8	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1400	45.3	52.0	61.0	67.1	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1200	46.9	52.9	63.3	69.4	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1000	50.6	57.7	67.8	74.2	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 900	52.1	59.5	69.7	76.4	79.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 800	54.3	61.9	72.0	76.8	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 700	54.7	62.3	72.5	79.4	82.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 600	55.0	62.5	72.9	79.7	83.2	84.2	84.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 500	55.3	62.9	73.2	80.0	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 450	55.5	63.1	73.5	80.3	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 400	59.0	65.9	76.4	83.5	87.2	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
CE 350	60.2	68.2	79.2	86.4	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 300	62.3	72.8	82.1	89.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 250	62.0	71.4	83.0	90.6	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 200	63.4	72.1	82.8	91.4	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 180	63.4	72.2	84.0	91.6	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 150	64.3	73.2	85.0	92.9	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 120	64.4	73.3	85.5	93.5	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	64.4	73.3	85.5	93.6	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 90	64.5	73.4	85.6	93.7	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 80	64.6	73.5	85.8	93.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 70	64.7	73.6	85.9	94.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 60	64.7	73.6	85.9	94.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50	64.8	73.7	86.2	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 40	64.8	73.7	86.2	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 30	64.8	73.7	86.2	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 20	64.6	73.7	86.2	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 10	64.8	73.7	86.2	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	64.8	73.7	86.0	94.2	98.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 763105

STATION NAME: MCENTIRE AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 2
NO CEIL	32.8	38.7	45.7	50.9	53.2	53.2	53.7	53.7	53.7	52.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 3000	45.2	52.3	62.1	68.3	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	45.2	52.4	62.3	68.4	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1600	45.3	52.4	62.3	68.4	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1400	45.3	52.4	62.4	68.7	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 1200	47.2	54.4	64.5	70.9	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1000	51.3	59.2	70.3	76.7	80.9	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 900	52.8	60.7	72.0	78.5	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 800	54.4	62.3	73.6	80.3	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 700	54.6	62.9	74.3	80.9	85.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 600	55.2	63.3	74.7	81.3	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 500	56.3	64.5	76.0	82.7	86.9	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 450	56.9	65.3	76.9	83.7	88.0	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 400	59.1	67.7	79.7	86.5	91.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 350	60.3	68.9	81.5	88.9	93.6	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300	61.6	70.4	82.9	90.7	95.6	95.7	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 250	61.6	70.4	82.9	90.7	96.0	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 200	62.1	70.9	83.5	91.2	96.5	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 180	62.1	70.9	83.5	91.2	96.5	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 150	62.3	71.2	83.9	91.0	97.5	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 120	62.5	71.5	84.1	92.3	98.0	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	62.5	71.5	84.1	92.3	98.0	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 90	62.7	71.6	84.3	92.4	98.1	98.2	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 80	62.7	71.6	84.3	92.4	98.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 70	62.7	71.6	84.3	92.4	98.1	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 60	62.7	71.7	84.4	92.5	98.3	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 50	62.7	71.7	84.4	92.5	98.3	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 40	62.7	71.7	84.4	92.5	98.3	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 30	62.7	71.7	84.4	92.5	98.3	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 20	62.7	71.7	84.4	92.5	98.3	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	62.7	71.7	84.4	92.5	98.3	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 750



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 733105

STATION NAME: MCENTIRE ANSB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL	33.0	37.1	44.7	48.8	51.8	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 2000	46.4	51.5	60.6	65.8	70.2	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1800	46.4	51.5	60.6	65.9	70.2	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1600	46.4	51.5	60.6	65.8	70.2	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1400	46.4	51.5	60.6	65.8	70.2	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1200	48.0	52.5	62.8	68.1	72.5	72.8	73.3	73.3	72.3	73.3	73.3	73.3	72.3	73.3	73.3	72.3
GE 1000	52.0	58.2	69.1	75.0	82.9	81.2	81.6	81.6	81.6	81.5	81.6	81.6	81.6	81.6	81.6	81.5
GE 900	53.6	59.9	70.8	77.7	82.5	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 800	55.5	62.0	73.1	79.9	84.8	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 700	56.2	62.9	74.0	80.9	85.7	85.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 600	56.5	63.2	74.3	81.2	86.0	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 500	57.0	63.8	74.9	81.8	86.6	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 450	57.9	64.7	76.0	82.8	87.7	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 400	59.0	66.0	77.7	84.7	89.7	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 350	60.6	68.1	79.8	87.1	92.2	92.9	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 300	62.2	69.5	81.3	89.4	94.7	95.6	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 250	62.0	69.5	81.9	89.5	94.8	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 200	62.2	69.8	82.4	90.0	95.3	96.4	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 180	62.5	70.1	82.7	90.3	95.6	96.7	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 150	62.6	70.4	83.0	90.7	96.4	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 120	62.8	70.5	83.3	91.3	97.0	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
GE 100	62.8	72.5	83.4	91.5	97.1	98.3	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 90	62.8	72.5	83.4	91.5	97.1	98.3	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 80	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 70	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 60	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 50	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 40	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 30	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 20	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 10	62.9	70.7	83.7	91.8	97.4	98.6	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 656

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 783105

STATION NAME: MCENTIRE ANSB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	46.8	54.7	58.5	60.3	60.3	60.5	62.3	60.8	62.9	62.8	60.8	60.2	60.8	60.8	61.2
GE 2000	52.1	55.2	63.6	68.1	70.1	72.1	72.4	70.6	70.6	70.6	70.6	70.6	70.6	72.6	72.6	72.9
GE 1800	50.1	55.2	63.6	68.1	70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	72.6	72.6	72.9
GE 1600	50.1	55.2	63.6	68.1	70.1	70.1	70.4	70.6	70.6	72.6	70.6	70.6	70.6	72.6	72.6	72.9
GE 1400	50.1	55.2	63.6	68.1	70.1	70.1	70.4	70.6	70.6	70.6	70.6	72.6	70.6	72.6	72.6	72.9
GE 1200	50.9	55.9	65.6	69.9	71.9	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.7
GE 1000	54.9	61.5	73.2	77.5	82.2	82.2	80.5	82.2	82.2	82.2	82.8	82.8	82.8	82.8	82.8	81.0
GE 900	55.7	62.3	72.9	78.2	80.8	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.9
GE 800	59.2	65.8	77.5	81.8	84.3	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 700	59.2	65.8	77.5	81.8	84.3	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 600	60.0	66.6	78.2	82.5	85.1	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.1
GE 500	60.3	66.8	78.7	83.0	85.6	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6
GE 400	61.3	67.8	79.7	84.1	86.6	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 300	62.0	69.9	82.5	85.8	89.4	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 250	64.6	71.4	84.3	88.6	91.4	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7
GE 200	65.3	72.4	85.3	89.6	92.9	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7
GE 150	65.3	72.4	85.6	92.1	93.4	93.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2
GE 100	65.8	72.9	87.1	91.6	94.9	95.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7
GE 80	65.8	72.9	87.1	91.6	94.9	95.4	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7
GE 60	66.3	73.7	88.1	92.7	96.3	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0
GE 40	66.3	73.9	88.4	92.9	96.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 30	66.3	73.9	88.4	92.9	96.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 20	66.3	73.9	88.6	93.2	96.7	97.2	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
GE 10	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 5	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 0	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 200	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 180	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 160	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 140	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 120	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 100	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 80	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 60	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 40	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 30	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 20	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 10	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 0	66.3	74.2	88.9	93.7	97.2	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS 395

OPERATING LOCATION: W  
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC

PERIOD OF RECORD: JAN 79 - DEC 85

LST TO UTC: + 5

MONTH: ALL MONTHS: ALL

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.5	36.3	46.8	51.5	55.3	56.1	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
GE 22200	41.2	46.9	55.9	62.1	66.7	67.7	69.1	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.8	69.8
GE 18000	41.2	46.9	56.0	62.2	66.8	67.7	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.9
GE 16000	41.2	46.9	56.0	62.2	66.8	67.7	69.1	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.8	69.9
GE 14000	41.2	47.0	56.1	62.3	66.9	67.9	69.3	69.7	69.7	69.7	69.8	69.8	69.9	69.9	70.0	70.2
GE 12000	42.5	48.3	57.7	64.1	68.7	69.8	71.2	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.9	71.9
GE 10000	45.8	52.2	62.5	69.3	74.5	75.7	77.2	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.9	77.9
GE 9000	47.3	53.7	64.1	71.1	76.3	77.5	79.0	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.8
GE 8000	49.3	55.5	66.2	73.4	78.7	80.2	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.3
GE 7000	49.6	55.2	66.8	73.8	79.1	80.5	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.7	82.8
GE 6000	49.9	55.5	67.1	74.1	79.4	80.8	82.3	82.7	82.7	82.7	82.9	82.9	82.9	82.9	83.0	83.1
GE 5000	50.4	57.0	67.7	74.7	80.1	81.4	82.9	83.3	83.4	83.4	83.5	83.5	83.6	83.6	83.7	83.7
GE 4500	50.9	57.6	68.2	75.4	80.6	82.1	83.7	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.4	84.5
GE 4000	52.3	59.1	70.2	77.4	83.0	84.4	85.8	86.4	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.8
GE 3500	53.4	60.4	71.7	79.2	84.9	86.3	87.8	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.8
GE 3000	54.6	61.8	73.3	80.9	85.7	87.2	89.9	90.4	90.4	90.4	90.6	90.6	90.7	90.7	90.8	90.9
GE 2500	54.9	62.1	73.7	81.4	87.4	88.9	90.6	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.5	91.6
GE 2000	55.4	62.7	74.6	82.3	88.4	89.9	91.6	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.5	92.6
GE 1800	55.5	62.9	74.8	82.6	88.6	90.2	91.8	92.3	92.4	92.4	92.5	92.5	92.6	92.6	92.7	92.8
GE 1500	56.1	63.6	75.6	83.6	89.8	91.3	93.0	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.9	94.0
GE 1200	56.3	64.2	76.2	84.5	90.6	92.4	94.1	94.6	94.6	94.6	94.8	94.8	94.9	94.9	95.0	95.1
GE 1000	56.5	64.2	76.6	85.1	91.4	93.1	94.8	95.3	95.4	95.4	95.5	95.5	95.7	95.7	95.7	95.8
GE 900	56.6	64.3	76.7	85.2	91.5	93.4	95.2	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.1	96.2
GE 800	56.6	64.4	76.9	85.5	91.9	92.9	95.8	96.4	96.4	96.4	96.6	96.6	96.7	96.7	96.8	96.9
GE 700	56.7	64.4	77.0	85.6	92.1	94.3	96.2	96.8	96.8	96.8	97.0	97.2	97.1	97.1	97.2	97.3
GE 600	56.7	64.5	77.0	85.7	92.3	94.6	96.6	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.6	97.7
GE 500	56.8	64.6	77.2	86.0	92.7	95.2	97.4	98.1	98.2	98.2	98.4	98.4	98.6	98.6	98.7	98.7
GE 400	56.8	64.6	77.2	86.1	92.8	95.3	97.6	98.4	98.5	98.5	98.8	98.8	98.9	98.9	99.0	99.1
GE 300	56.8	64.6	77.2	86.1	92.8	95.4	97.7	98.5	98.7	98.8	99.1	99.1	99.3	99.3	99.4	99.5
GE 200	56.8	64.6	77.2	86.1	92.8	95.4	97.7	98.6	98.8	98.9	99.2	99.2	99.4	99.4	99.5	99.6
GE 100	56.8	64.6	77.2	86.1	92.8	95.4	97.7	98.6	98.8	98.9	99.2	99.2	99.5	99.5	99.6	99.9
GE 000	56.8	64.6	77.2	86.1	92.8	95.4	97.7	98.6	98.8	98.9	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722105

STATION NAME: MCINTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: SEP HOUR: 05-23

CEILINGS		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	1	24.2	27.0	34.1	37.5	45.0	48.1	52.7	52.3	52.6	52.8	52.9	52.8	52.9	53.1	53.2	53.3
GE 20000		55.7	59.6	37.0	43.5	48.3	51.6	54.4	55.0	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.9
GE 18000		26.7	29.6	37.0	42.5	48.0	51.6	54.4	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.9
GE 16000		26.7	29.6	37.0	43.5	45.3	51.6	54.4	55.2	55.2	55.4	55.4	55.4	55.4	55.6	55.7	55.9
GE 14000		26.7	29.6	37.2	43.5	48.3	51.6	54.4	55.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.9
GE 12000		27.3	32.3	37.8	41.2	49.2	52.3	55.2	55.9	57.1	57.3	57.3	57.3	57.4	57.5	57.7	58.2
GE 10000		29.4	32.9	41.5	45.5	54.4	57.7	62.9	62.5	62.5	63.2	63.0	63.2	63.2	63.2	63.4	63.6
GE 9000		23.5	34.2	42.6	46.5	55.4	59.7	62.8	62.6	63.8	64.0	64.0	64.0	64.0	64.3	64.4	64.6
GE 8000		32.7	36.7	46.1	50.4	60.1	62.8	67.2	68.8	69.1	69.3	69.2	69.2	69.2	69.3	69.7	70.1
GE 7000		23.4	37.5	46.0	51.2	60.8	64.7	66.1	69.7	70.2	72.1	72.1	72.1	72.4	72.6	72.7	72.8
GE 6000		23.4	37.5	46.2	51.3	60.9	64.9	68.2	69.8	72.1	72.3	72.3	72.3	72.5	72.7	72.8	71.1
GE 5000		34.5	38.8	48.1	52.9	62.5	65.5	69.8	71.4	71.7	71.9	71.9	71.9	71.9	72.2	72.3	72.7
GE 4500		35.2	39.2	48.5	53.4	63.3	67.2	72.7	73.3	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.6
GE 4000		36.4	40.7	52.1	55.0	64.9	68.8	72.3	73.9	74.2	74.2	74.3	74.3	74.3	74.6	74.6	75.2
GE 3500		37.2	41.4	52.9	55.8	65.7	69.7	73.2	74.8	75.1	75.2	75.2	75.2	75.2	75.7	75.8	75.9
GE 3000		38.5	42.9	52.5	57.5	67.5	71.5	75.1	76.7	77.0	77.1	77.1	77.1	77.1	77.6	77.7	78.1
GE 2500		39.2	43.4	53.4	58.5	69.2	73.9	76.4	78.0	78.3	78.4	78.4	78.4	78.4	78.9	79.0	79.2
GE 2000		39.4	43.6	53.6	59.0	69.4	73.2	77.0	78.5	78.9	79.2	79.2	79.2	79.2	79.4	79.6	80.0
GE 1800		39.4	43.6	53.6	59.0	69.4	73.2	77.0	78.6	78.9	79.2	79.2	79.2	79.2	79.4	79.6	80.0
GE 1600		39.7	43.9	53.9	59.3	69.7	74.3	78.3	79.6	79.9	80.0	80.2	80.2	80.2	80.5	80.6	81.0
GE 1400		39.9	44.2	54.4	59.6	72.4	74.5	78.7	82.3	82.5	82.8	82.8	82.8	82.8	83.2	83.3	83.8
GE 1200		42.1	44.5	54.7	62.1	72.7	75.2	79.2	82.8	81.2	81.3	81.3	81.3	81.3	81.3	81.9	82.4
GE 900		42.6	45.2	55.7	61.1	72.2	75.5	82.6	82.8	82.7	82.8	82.9	82.9	82.9	83.4	83.5	84.2
GE 800		41.1	45.5	56.1	61.5	72.4	77.0	81.2	82.8	82.8	82.8	82.8	82.8	82.8	84.0	84.1	84.5
GE 700		41.5	46.1	57.2	62.7	72.8	78.5	82.4	85.0	85.0	85.0	85.2	85.2	85.2	85.6	85.7	87.2
GE 600		41.8	45.5	57.4	62.1	75.2	80.5	85.7	87.5	88.2	88.2	88.5	88.5	88.5	88.9	89.1	89.5
GE 500		41.8	45.5	57.5	63.4	75.8	81.6	87.9	89.3	92.7	91.1	91.3	91.3	91.3	91.7	91.8	92.4
GE 400		42.3	45.6	57.7	63.6	76.7	82.7	88.5	92.2	92.9	93.4	94.2	94.2	94.2	94.5	94.6	95.2
GE 300		42.2	45.6	57.7	63.6	76.7	83.1	92.1	93.2	94.2	95.2	95.9	95.9	95.9	96.4	96.5	97.1
GE 200		42.2	45.6	57.7	63.6	76.7	83.2	92.2	93.2	94.6	95.5	96.5	96.5	96.5	97.4	97.7	98.2
GE 100		42.0	45.6	57.7	63.6	75.7	83.2	92.2	93.3	94.6	95.9	96.9	96.9	96.9	97.5	97.8	98.4
GE 000		42.0	45.6	57.7	63.6	76.7	83.2	92.2	93.3	94.6	95.9	96.9	96.9	96.9	97.5	97.8	98.4

TOTAL NUMBER OF OBSERVATIONS 666

OPERATING LOCATION "A"  
USAFETRAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722105

STATION NAME: MCENTINE ANG SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: SEP HOURS: 23-01

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 0
NO CEIL	45.0	49.7	53.7	56.0	56.8	57.2	57.0	57.2	57.2	57.2	57.0	57.2	57.2	57.2	57.0	57.0
GE 20000	49.4	54.2	58.7	61.3	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	49.4	54.2	58.7	61.3	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	49.4	54.2	58.7	61.3	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	49.4	54.2	58.7	61.3	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	50.1	54.9	59.4	62.2	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	53.6	58.6	63.3	66.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	53.9	58.9	63.6	66.2	67.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	55.4	61.6	65.5	69.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	56.7	62.2	66.9	69.9	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	56.7	62.2	67.2	72.1	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	57.8	63.2	68.4	71.5	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	58.1	63.5	69.9	71.9	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	59.1	64.4	70.1	73.3	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	59.7	65.2	71.9	75.2	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3200	61.2	66.7	72.6	75.9	77.4	77.8	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	61.6	67.1	73.1	76.5	78.2	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	62.7	69.2	75.2	78.7	80.4	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	64.0	69.5	75.6	79.1	80.7	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 1500	65.1	70.6	77.0	80.5	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	66.5	72.2	78.6	82.6	84.6	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	67.1	73.2	80.6	85.2	87.7	88.3	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	67.7	73.9	81.3	85.8	88.7	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	68.4	74.6	82.1	87.1	92.2	91.1	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	69.1	75.3	82.6	88.2	91.5	92.6	93.7	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	69.2	75.8	83.3	88.8	92.2	93.5	94.7	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	69.5	76.0	83.6	89.2	92.5	94.4	96.3	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	69.5	76.0	83.6	89.2	92.7	94.5	96.7	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	69.5	76.0	83.6	89.2	92.9	94.6	96.8	98.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	69.5	76.0	83.6	89.2	92.9	94.6	96.8	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.5	76.0	83.6	89.2	92.9	94.6	96.8	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.5	76.0	83.6	89.2	92.9	94.6	96.8	98.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCINTIRE ANG B  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 79  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	51.7	54.5	58.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	60.1	62.0	67.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	60.1	63.0	67.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	62.1	63.0	67.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	60.2	63.2	67.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	60.9	64.2	68.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	64.9	68.1	72.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	66.0	69.1	72.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 8000	69.0	72.6	77.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	69.7	72.3	78.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	69.2	73.5	76.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	70.8	74.5	79.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	71.5	75.2	80.1	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	73.2	75.1	80.9	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	73.8	77.8	82.6	84.1	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	75.0	79.9	84.2	85.6	85.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	76.0	80.0	85.6	87.3	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	77.4	81.5	87.4	89.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	77.5	81.6	87.5	89.2	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	79.2	83.4	89.2	91.2	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	79.6	84.4	90.3	92.9	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	82.5	85.5	91.5	94.3	95.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	81.2	85.2	92.2	95.0	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	81.3	85.3	92.3	95.1	96.7	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	81.3	85.3	92.3	95.1	96.7	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	81.3	85.3	92.4	95.2	97.0	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	81.5	85.5	92.6	95.4	97.2	97.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	81.5	85.5	92.6	95.4	97.2	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	81.5	85.5	92.6	95.4	97.2	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.5	85.5	92.6	95.4	97.2	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.5	85.5	92.6	95.4	97.2	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	53.5	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 22000	61.1	64.9	68.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 18000	61.1	64.9	68.1	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	61.1	64.9	68.1	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 14000	61.5	65.3	68.5	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	62.2	66.3	69.5	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	68.0	72.8	76.0	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	69.5	74.3	77.6	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	72.4	77.3	80.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	73.2	78.1	81.5	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	74.0	79.2	82.5	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	74.8	79.7	83.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	76.3	81.2	84.8	85.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	77.3	82.4	86.0	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	78.8	83.9	87.6	88.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	79.4	84.5	88.4	89.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	79.7	84.9	89.1	90.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	79.8	85.0	89.6	91.4	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	79.8	85.2	89.7	91.5	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	82.7	86.0	90.8	93.1	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	80.3	86.2	91.0	92.2	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	81.2	87.0	92.0	94.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	81.2	87.4	92.4	94.6	96.8	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	81.4	87.6	92.5	94.8	96.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	81.4	87.6	92.5	94.8	96.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	81.7	87.9	92.8	95.1	97.2	98.2	98.7	98.9	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	81.7	87.9	92.8	95.1	97.2	98.3	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	81.7	87.9	92.8	95.1	97.2	98.4	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	81.7	87.9	92.8	95.1	97.2	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.7	87.9	92.8	95.1	97.2	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.7	87.9	92.8	95.1	97.2	98.7	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: 18-22

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	49.6	5.7	59.1	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20200	60.6	67.5	70.7	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16020	60.6	67.5	70.7	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	60.6	67.5	70.7	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 14020	60.6	67.5	70.7	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 12000	62.2	69.3	72.5	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10020	68.3	75.5	79.0	79.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9020	69.4	76.6	80.2	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 8020	71.7	73.9	82.4	82.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7020	72.2	79.4	83.0	83.7	84.0	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6020	73.2	80.2	83.9	84.5	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 5220	73.1	82.3	84.0	84.6	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4520	74.1	81.3	85.6	86.2	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4220	75.7	83.0	87.7	88.3	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3520	76.5	83.8	88.6	89.6	90.7	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3020	77.0	84.5	89.2	90.4	91.5	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2520	77.1	84.6	89.4	90.9	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2020	77.9	85.4	90.7	92.5	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	78.1	85.6	90.9	92.6	94.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1520	78.1	85.8	91.0	93.1	95.0	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1220	78.6	86.2	91.5	93.8	95.7	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1020	78.6	86.4	91.7	94.1	96.0	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 920	78.6	86.4	91.7	94.1	96.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 820	78.6	86.6	92.0	94.6	97.1	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 720	78.6	86.6	92.0	94.6	97.1	97.9	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 620	78.6	86.7	92.3	94.9	97.4	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 520	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 220	78.6	86.7	92.3	94.9	97.4	98.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 625



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCINTIRE ANG B SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 75 - DEC 80  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	58.1	60.9	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 2000	59.4	65.6	68.8	69.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1600	59.4	65.6	68.8	69.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1400	59.4	65.6	68.8	69.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1200	60.4	66.7	69.8	70.8	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1000	61.7	68.5	71.6	72.7	73.7	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 800	66.7	73.4	77.1	78.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 600	67.7	74.5	78.1	79.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 400	69.5	75.5	80.2	81.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 200	69.8	75.8	80.5	81.5	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 000	71.6	78.5	82.3	83.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	72.1	79.2	82.8	83.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	72.7	79.7	84.1	85.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	74.5	81.5	85.9	87.2	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	76.0	83.1	87.6	89.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	75.6	83.9	89.1	90.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	76.6	83.9	89.1	90.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	77.1	84.4	89.6	91.1	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	77.1	84.6	89.8	91.4	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	77.1	84.9	90.1	92.2	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	77.9	85.7	91.1	92.2	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	78.1	85.9	91.4	93.5	95.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	78.1	85.9	91.4	93.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	78.1	85.9	91.7	94.3	96.4	96.4	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	78.1	85.9	91.7	94.3	96.9	96.9	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	78.1	85.9	92.2	94.8	97.4	97.4	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	78.1	85.9	92.2	94.8	97.4	97.7	97.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	78.1	85.9	92.2	94.8	97.4	97.7	97.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	78.1	85.9	92.2	94.8	97.4	97.7	97.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	78.1	85.9	92.2	94.8	97.7	97.9	97.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	78.1	85.9	92.2	94.8	97.7	97.9	97.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 000	78.1	85.9	92.2	94.8	97.7	97.9	97.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 334

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	45.3	49.2	53.3	54.7	56.4	56.9	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
GE 20000	52.5	55.9	61.3	63.0	64.9	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 16000	52.5	56.9	61.3	63.2	64.9	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 16000	52.5	56.9	61.3	62.0	64.9	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 14000	52.7	57.0	61.5	63.2	65.0	65.5	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 12000	53.5	58.1	62.6	64.3	66.1	66.7	67.2	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
GE 10000	57.9	62.7	67.5	69.3	71.4	72.0	72.5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 9000	58.8	63.7	68.5	70.3	72.5	73.0	73.5	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1
GE 8000	61.4	66.5	71.5	73.5	75.6	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 7000	61.9	67.1	72.1	74.1	76.4	77.1	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3
GE 6000	62.4	67.5	72.6	74.7	77.0	77.7	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 5000	62.2	68.4	73.5	75.6	78.0	78.7	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
GE 4500	64.2	69.2	74.5	76.7	79.1	79.6	80.5	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0
GE 4000	65.1	70.4	75.9	78.1	80.6	81.4	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 3500	66.5	71.8	77.3	79.5	82.2	82.9	83.5	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
GE 3000	67.3	72.6	78.4	80.8	83.4	84.2	84.8	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4
GE 2500	67.7	73.1	79.1	81.5	84.4	85.2	85.9	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.5
GE 2000	68.7	74.1	80.2	83.0	85.9	86.7	87.5	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1
GE 1800	68.8	74.2	80.5	83.2	86.1	87.0	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4
GE 1500	69.6	75.1	81.4	84.4	87.5	88.5	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9
GE 1300	70.2	75.9	82.3	85.4	88.7	89.8	90.7	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
GE 1200	70.6	76.5	83.2	86.5	90.0	91.2	92.1	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.7	92.7
GE 900	71.2	77.1	83.7	87.1	90.8	92.1	93.1	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
GE 800	71.2	77.2	84.1	87.6	91.4	92.7	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.6
GE 700	71.4	77.3	84.4	88.0	91.9	93.4	94.7	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7
GE 600	71.6	77.8	84.7	88.4	92.5	94.1	95.7	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
GE 500	71.7	77.9	84.9	88.6	92.7	94.6	96.6	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.0
GE 400	71.7	77.9	84.9	88.6	92.9	94.8	97.0	98.0	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.9
GE 300	71.7	77.9	84.9	88.6	92.9	95.0	97.3	98.4	98.9	99.1	99.2	99.3	99.3	99.4	99.5	99.5
GE 200	71.7	77.9	84.9	88.6	93.2	95.2	97.3	98.5	99.0	99.2	99.3	99.5	99.5	99.6	99.7	99.8
GE 100	71.7	77.9	84.9	88.6	92.0	95.2	97.3	98.5	99.0	99.3	99.5	99.5	99.6	99.6	99.7	100.0
GE 000	71.7	77.9	84.9	88.6	92.0	95.2	97.3	98.5	99.2	99.3	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4114

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MONTICELLO ANGEL SC

PERIOD OF RECORD: JAN 79 - DEC 86

LST TO UTC: + 5

MONTH: OCT HOURS: 06-28

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	42.5	46.8	49.8	52.6	53.5	54.6	55.0	55.3	55.6	55.6	55.9	56.1	56.1	56.4	56.9
GE 20220	44.7	45.9	51.3	54.5	57.5	58.6	59.8	60.5	60.8	61.1	61.3	61.6	62.0	62.2	62.5	63.2
GE 18020	44.7	46.9	51.3	54.5	57.5	58.6	59.8	60.5	60.8	61.1	61.3	61.6	62.0	62.2	62.5	63.2
GE 16020	44.7	46.9	51.3	54.5	57.5	58.6	59.8	60.5	60.8	61.1	61.3	61.6	62.0	62.2	62.5	63.2
GE 14020	45.0	47.2	51.7	54.8	57.8	58.9	60.2	60.8	61.1	61.4	61.6	61.9	62.4	62.5	62.8	63.6
GE 12000	47.4	50.1	54.5	57.8	62.9	62.2	63.3	63.9	64.3	64.6	64.7	65.0	65.5	65.7	66.0	66.9
GE 10000	50.2	52.9	57.6	62.8	63.9	65.2	66.2	66.9	67.4	67.7	67.9	68.2	68.7	68.8	69.1	72.1
GE 9000	50.6	53.2	58.0	61.4	64.7	65.8	67.1	67.7	68.2	68.7	68.8	69.1	69.6	69.8	72.1	71.0
GE 8000	52.6	55.4	60.5	64.3	67.9	69.3	70.6	71.2	71.8	72.3	72.6	72.9	73.4	73.5	73.9	74.8
GE 7000	52.8	55.6	60.9	64.9	68.7	70.1	71.3	72.0	72.6	73.1	73.4	73.7	74.2	74.3	74.6	75.6
GE 6000	52.9	55.9	61.3	65.2	69.0	70.4	71.7	72.3	72.9	73.5	73.9	74.2	74.6	74.8	75.1	75.1
GE 5000	53.9	57.2	62.7	66.8	70.6	72.0	73.2	73.9	74.5	75.1	75.4	75.7	76.2	76.4	76.7	77.6
GE 4500	54.2	57.5	63.0	67.1	70.9	72.2	73.5	74.2	74.8	75.4	75.7	76.1	76.5	76.7	77.0	78.0
GE 4000	55.0	58.3	63.8	67.9	71.8	73.4	74.6	75.2	75.9	76.5	76.9	77.2	77.6	77.8	78.1	79.1
GE 3500	55.3	58.6	64.1	68.2	72.1	73.7	75.1	75.7	76.4	77.0	77.3	77.6	78.1	78.3	78.6	79.5
GE 3000	55.6	58.9	64.4	68.5	72.3	74.5	76.1	76.7	77.3	78.0	78.3	78.6	79.1	79.2	79.5	82.5
GE 2500	56.5	59.8	65.4	69.4	73.7	75.4	77.0	77.8	78.4	79.1	79.4	79.7	82.2	82.3	82.6	81.6
GE 2000	57.0	60.3	65.8	69.9	74.2	76.1	77.6	78.4	79.1	79.7	80.0	80.3	80.8	80.9	81.3	82.2
GE 1800	57.2	60.5	66.1	70.2	74.5	76.4	78.0	78.7	79.4	82.0	80.3	80.6	81.1	81.3	81.6	82.5
GE 1500	58.1	61.6	67.2	71.5	75.7	77.5	79.2	82.2	80.8	81.4	81.7	82.0	82.5	82.7	83.0	83.9
GE 1200	58.6	62.0	68.0	72.3	76.7	78.5	82.2	81.1	81.7	82.4	82.7	83.0	83.5	83.6	83.9	84.9
GE 1000	58.7	62.4	68.5	73.2	78.0	80.3	81.9	82.8	83.5	84.1	84.4	84.7	85.2	85.4	85.7	85.6
GE 900	58.7	62.5	68.7	73.5	78.3	80.9	82.5	83.5	84.1	84.7	85.0	85.4	85.6	85.8	86.2	87.2
GE 800	58.9	62.7	69.2	73.9	79.1	81.9	83.9	84.9	85.5	86.1	86.5	86.8	87.2	87.4	87.7	88.7
GE 700	58.9	62.8	69.1	74.0	79.4	82.4	84.5	85.5	86.1	86.7	87.2	87.6	88.0	88.1	88.5	89.4
GE 600	59.1	62.0	69.3	74.2	80.5	83.9	85.9	86.2	86.8	87.3	87.8	88.1	88.4	88.7	89.0	89.3
GE 500	59.1	63.0	69.4	74.3	80.8	85.0	88.2	89.4	90.2	91.2	91.5	91.8	92.3	92.4	92.8	93.7
GE 400	59.1	63.0	69.4	74.3	80.8	85.2	89.1	91.2	92.2	92.4	92.7	94.2	94.5	94.6	95.0	95.9
GE 300	59.1	63.2	69.4	74.3	82.8	85.4	89.8	92.0	93.1	94.2	94.6	95.1	95.7	95.9	96.2	97.3
GE 200	59.1	63.2	69.4	74.3	80.8	85.4	90.1	92.6	93.7	95.1	95.4	95.9	96.7	96.9	97.2	98.7
GE 100	59.1	63.0	69.4	74.3	80.8	85.4	92.1	92.5	92.7	93.1	93.4	93.9	95.7	95.9	97.5	99.7
GE 000	59.1	63.0	69.4	74.3	80.8	85.4	90.1	92.6	93.7	95.1	95.4	95.9	96.7	96.9	97.5	122.2

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 29-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	55.1	57.1	52.0	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	58.2	60.9	63.0	63.9	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	58.2	60.9	63.0	63.9	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	58.2	60.9	63.0	63.9	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	58.4	61.2	63.1	64.1	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	58.5	62.1	65.3	65.2	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	63.6	66.2	68.4	69.3	70.0	72.1	70.2	70.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	64.2	66.8	69.1	72.0	72.6	72.2	73.9	72.9	73.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	67.2	70.0	72.2	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	67.8	72.5	73.2	74.3	75.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	67.8	72.5	73.3	74.5	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	68.3	71.1	74.1	75.3	76.2	75.3	76.7	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	68.6	71.4	74.4	75.7	76.6	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	69.3	72.2	75.2	75.5	77.4	77.5	78.0	73.2	75.2	75.0	78.0	72.0	75.0	72.0	75.0	75.0
GE 3500	69.6	72.6	75.5	76.6	77.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	72.2	73.3	75.2	77.6	78.5	76.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	71.0	74.2	77.1	78.6	79.5	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	72.1	75.3	78.6	80.3	81.2	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	72.2	75.4	78.7	80.4	81.5	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	73.2	76.5	79.9	81.7	82.6	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	74.6	78.2	81.9	84.5	86.2	86.3	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	74.9	78.3	82.7	85.4	87.4	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	75.2	78.6	83.5	86.5	88.6	89.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	75.3	78.8	84.1	87.4	89.6	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	75.4	79.2	84.3	87.9	91.0	92.0	92.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	75.7	79.2	84.5	88.4	91.6	93.2	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	75.3	79.4	85.2	89.1	92.4	94.2	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	75.9	79.5	85.4	89.3	92.9	95.1	97.0	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	75.9	79.5	85.7	89.5	93.2	95.4	97.8	98.5	99.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	75.9	79.5	85.7	89.5	93.2	95.4	97.8	98.5	99.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	75.9	79.5	85.7	89.5	93.2	95.4	97.8	98.5	99.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 000	75.9	79.5	85.7	89.5	93.2	95.4	97.8	98.5	99.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 379

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTOSH ANEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/5	GE 1/4	GE 0
NO CEIL	58.1	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	62.2
GE 2000	66.1	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1800	66.1	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1600	66.1	67.8	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1400	66.8	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1200	68.8	70.5	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1000	72.7	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 900	73.0	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 800	75.7	77.4	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 700	76.2	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 600	76.0	77.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 500	76.7	78.7	79.3	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 450	77.4	79.4	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 400	79.6	81.7	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 350	81.1	82.2	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 300	83.7	85.8	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 250	85.2	87.3	88.1	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 200	86.0	88.5	89.5	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 180	86.2	88.7	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 150	87.0	89.5	90.7	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 120	88.4	91.1	92.3	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 100	89.1	91.9	93.2	93.9	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 90	89.4	92.4	93.7	94.7	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 80	89.4	92.6	94.0	95.2	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 70	89.4	92.6	94.0	95.3	96.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 60	89.5	92.7	94.1	95.6	96.4	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 50	89.5	92.7	94.5	96.0	97.0	97.8	98.2	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	89.5	92.7	94.5	96.0	97.0	97.5	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 30	89.5	92.7	94.5	96.0	97.0	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	89.5	92.7	94.5	96.0	97.0	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	89.5	92.7	94.5	96.0	97.0	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.5	92.7	94.5	96.0	97.0	98.1	98.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 379

OPERATING LOCATION "A"  
USAFETRAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	69.5	72.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	69.5	72.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	69.5	72.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	72.1	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 12000	71.8	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	75.3	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	75.9	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	79.0	82.2	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	80.2	81.4	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	82.6	81.8	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	82.0	82.2	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	82.9	84.1	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	84.1	85.4	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	85.8	87.1	87.9	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	87.1	88.5	89.3	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	88.1	89.7	90.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	88.2	90.1	91.2	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	88.6	92.4	91.5	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	89.4	91.5	92.5	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	90.0	92.0	93.2	94.0	94.2	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	92.4	92.4	93.8	94.6	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	90.4	92.4	93.6	94.6	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	90.8	92.8	94.2	95.1	95.4	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	90.8	92.2	94.4	95.5	95.9	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	90.8	93.1	94.6	96.2	96.6	97.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	90.8	93.2	94.7	96.5	97.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.3	93.2	94.7	96.5	97.2	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.8	93.2	94.7	96.5	97.2	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.8	93.2	94.7	96.5	97.2	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8	93.2	94.7	96.5	97.2	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.8	93.2	94.7	96.5	97.2	98.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILINGS VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCINTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT HOURS: 13-20

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL		62.5	62.8	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 20000		66.6	67.1	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000		66.6	67.1	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000		66.6	67.1	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000		67.1	67.5	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000		70.0	70.8	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 12000		74.6	75.4	76.3	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000		75.2	76.0	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000		78.3	79.1	80.0	80.0	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000		79.5	80.3	81.2	81.2	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000		80.3	81.1	82.0	82.0	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000		81.8	82.6	83.7	83.7	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500		82.9	84.3	85.2	85.2	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000		83.1	84.6	85.8	85.8	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500		85.7	87.2	88.8	89.2	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000		85.6	88.5	92.0	92.5	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500		87.2	89.1	90.6	91.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000		87.2	89.2	91.2	91.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800		87.2	89.2	91.2	91.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500		87.5	89.5	91.5	92.2	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200		88.5	90.5	92.5	93.1	94.0	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000		88.9	92.9	93.1	93.8	95.1	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900		88.9	92.9	93.1	93.8	95.1	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800		89.2	91.2	93.5	94.3	95.5	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700		89.4	91.4	94.0	94.8	95.3	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600		89.4	91.4	94.5	95.5	97.1	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500		89.4	91.4	94.5	95.5	97.2	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400		89.4	91.4	94.5	95.7	97.4	98.5	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		89.4	91.4	94.5	95.7	97.4	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		89.4	91.4	94.5	95.7	97.4	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		89.4	91.4	94.5	95.7	97.4	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		89.4	91.4	94.5	95.7	97.4	98.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722125

STATION NAME: MCINTIRE ANGEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: OCT HOURS: 01-03

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	65.1	66.5	66.7	67.1	67.1	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20220	69.2	69.2	70.6	70.8	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16220	69.0	69.2	70.6	70.8	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16200	69.0	69.2	70.6	70.8	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14030	69.0	69.2	70.6	70.8	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	71.5	72.1	73.5	73.7	74.3	74.3	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10200	74.5	75.6	77.8	78.0	78.6	78.6	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9020	74.9	75.0	78.2	78.4	79.1	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8020	77.8	78.9	81.1	81.3	81.9	81.9	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 7200	78.2	79.3	81.5	81.7	82.3	82.3	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6020	78.6	79.7	81.9	82.1	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5200	79.9	80.9	83.2	83.4	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4520	80.1	81.1	83.4	83.6	84.2	84.2	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4020	81.3	82.3	84.6	85.2	85.8	85.8	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3520	83.0	84.4	87.1	88.1	88.7	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3020	84.2	85.8	88.5	89.5	90.1	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2520	84.4	86.0	88.7	89.7	90.3	90.3	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2020	85.2	86.9	89.5	90.8	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1820	85.2	85.9	89.5	90.8	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1560	86.2	87.9	90.8	92.0	92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1220	86.2	87.9	91.0	92.4	93.4	93.4	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1020	86.4	88.1	91.2	92.6	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 9020	86.4	88.1	91.2	92.6	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 8020	86.4	88.1	91.2	92.0	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7200	87.1	88.7	92.6	94.7	96.1	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 6020	87.1	88.7	92.6	95.3	96.7	96.7	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5200	87.1	88.7	92.6	95.5	96.9	97.1	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4200	87.1	88.7	92.6	95.5	96.9	97.1	97.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3020	87.1	88.7	92.6	95.5	97.1	97.3	98.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2020	87.1	88.7	92.6	95.5	97.1	97.3	98.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1320	87.1	88.7	92.6	95.5	97.1	97.3	98.4	99.6	99.6	99.8	99.8	99.8	122.2	122.2	122.2	122.2
GE 0200	87.1	88.7	92.6	95.5	97.1	97.3	98.4	99.6	99.6	99.8	99.8	99.8	122.2	122.2	122.2	122.2

TOTAL NUMBER OF OBSERVATIONS 487



OPERATING LOCATION: AAF  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 73 - DEC 83  
MONTH: OCT HOUR: ALL

CEILINGS		VISIBILITY IN STATUTE MILES															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4
NO CEIL		56.4	57.8	59.2	59.9	60.5	60.6	60.8	62.9	63.9	61.0	61.0	61.1	61.1	61.1	61.1	61.2
GE 20000	52.3	53.8	55.4	56.1	56.8	56.9	57.2	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.7
GE 16000	62.3	62.5	65.4	65.1	65.8	66.9	67.2	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.7
GE 15000	62.3	63.8	65.4	66.1	66.8	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.7
GE 14000	62.7	64.2	65.7	66.4	67.2	67.2	67.5	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.1
GE 12000	64.9	66.5	68.2	68.9	69.7	69.8	70.1	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.6
GE 10000	68.4	70.2	71.9	72.5	73.4	73.5	73.8	73.9	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.4
GE 9000	68.9	70.6	72.4	73.1	73.9	74.1	74.3	74.4	74.5	74.5	74.6	74.7	74.7	74.8	74.8	74.8	75.2
GE 8000	71.7	72.5	75.2	75.1	77.0	77.2	77.5	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.2	78.2
GE 7000	73.4	74.2	76.1	77.0	77.9	78.2	78.4	78.5	78.5	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.1
GE 6000	72.6	74.5	76.5	77.2	78.3	78.5	78.8	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.4	79.5
GE 5000	73.6	75.5	77.7	78.6	79.6	79.9	80.2	80.2	80.3	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.8
GE 4500	74.2	76.3	78.4	79.3	80.3	80.5	80.8	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.5
GE 4000	75.3	77.4	79.6	80.6	81.6	81.9	82.3	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.9
GE 3500	76.6	78.8	81.0	82.3	83.2	83.5	84.0	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5
GE 3000	77.8	80.1	82.4	82.6	84.6	85.0	85.4	85.5	85.5	85.7	85.7	85.8	85.8	85.8	85.9	85.9	86.1
GE 2500	78.7	81.0	82.4	84.7	85.7	86.1	86.5	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.2
GE 2000	79.3	81.0	84.2	85.7	86.8	87.2	87.6	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.3
GE 1800	79.5	81.9	84.5	85.8	85.9	87.3	87.7	87.9	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.5
GE 1500	80.3	82.8	85.4	86.9	88.1	88.4	88.9	89.1	89.2	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.6
GE 1200	81.2	83.8	86.5	88.2	89.5	90.0	90.4	90.7	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.2
GE 1000	81.5	84.2	87.2	89.0	90.6	91.2	91.7	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.5
GE 900	81.7	84.4	87.5	89.5	91.1	91.6	92.3	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	93.1
GE 800	81.8	84.5	87.9	90.0	91.8	92.5	93.1	93.4	93.5	93.5	93.6	93.7	93.7	93.8	93.8	93.8	94.0
GE 700	82.0	84.8	88.2	92.5	92.5	92.5	94.2	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.2
GE 600	82.1	84.9	88.4	91.0	92.2	94.5	95.6	95.9	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.5
GE 500	82.1	85.0	89.7	91.2	93.7	95.3	96.5	97.2	97.3	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.9
GE 400	82.1	85.0	89.7	91.4	93.8	95.5	97.2	97.9	98.1	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.8
GE 300	82.1	85.0	88.8	91.4	93.9	95.7	97.4	98.4	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.4
GE 200	82.1	85.0	88.8	91.4	93.9	95.7	97.5	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.7
GE 100	82.1	85.0	88.8	91.4	93.9	95.7	97.5	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	100.0
GE 000	82.1	85.0	88.8	91.4	93.9	95.7	97.5	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4686

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 753105

STATION NAME: MCINTIRE ANEB BC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: 25-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE ?
NO CEIL	44.4	44.9	49.7	52.3	51.1	51.4	52.0	52.3	52.3	52.5	53.1	52.1	53.4	53.4	52.7	54.2
GE 20000	47.7	48.3	53.4	54.0	55.4	55.6	56.2	56.5	56.8	57.1	57.6	57.6	57.9	57.9	58.5	59.0
GE 18000	47.7	48.3	53.4	54.0	55.4	55.6	56.2	56.5	56.8	57.1	57.6	57.6	57.9	57.9	58.5	59.2
GE 16000	47.7	48.3	53.4	54.0	55.4	55.6	56.2	56.5	56.8	57.1	57.6	57.6	57.9	57.9	58.5	59.0
GE 14000	47.7	48.3	53.4	54.0	55.4	55.6	56.2	56.5	56.8	57.1	57.6	57.6	57.9	57.9	58.5	59.2
GE 12000	49.4	50.2	55.4	55.9	57.3	57.6	58.2	58.5	58.8	59.2	59.6	59.6	59.9	59.9	60.5	61.2
GE 10000	50.8	51.7	57.6	58.5	60.5	62.7	61.6	61.9	62.4	63.0	63.6	63.6	63.8	63.8	64.4	65.2
GE 9000	50.8	51.7	57.6	58.5	60.5	61.0	62.1	62.4	63.0	63.6	64.1	64.1	64.4	64.4	65.0	65.0
GE 8000	54.2	55.4	61.6	62.4	65.0	65.8	66.9	67.2	67.8	68.4	68.9	68.9	69.2	69.2	69.8	72.6
GE 7000	54.5	55.6	61.9	62.7	65.3	66.1	67.2	67.5	68.1	68.6	69.2	69.2	69.5	69.5	72.1	72.9
GE 6000	55.6	56.8	63.0	63.8	66.4	67.2	68.4	68.6	69.2	69.8	70.3	70.3	70.6	70.6	71.2	72.0
GE 5000	55.5	57.6	63.8	65.0	67.8	68.6	69.8	72.1	72.6	71.2	71.8	71.8	72.2	72.2	72.6	73.7
GE 4500	57.1	58.5	64.7	65.6	69.5	70.2	71.5	72.0	72.6	73.2	73.7	73.7	74.2	74.2	74.6	75.7
GE 4000	57.6	59.2	65.3	66.4	70.1	70.9	72.0	72.6	73.2	73.7	74.3	74.3	74.6	74.6	75.1	75.6
GE 3500	58.8	60.2	66.4	67.5	71.2	72.0	73.2	73.7	74.3	75.1	75.7	75.7	76.0	76.2	76.6	78.2
GE 3000	59.6	61.0	67.2	68.4	72.3	73.2	74.2	74.9	75.4	76.3	76.8	76.8	77.1	77.1	77.7	79.1
GE 2500	59.9	61.3	67.8	68.9	73.2	74.0	75.1	75.7	76.3	77.1	77.7	77.7	78.0	78.0	78.5	79.9
GE 2000	61.2	62.7	69.2	70.3	75.1	76.0	77.1	78.0	78.5	79.4	79.9	79.9	80.2	82.2	80.2	82.2
GE 1500	61.3	62.7	69.2	70.3	75.1	76.0	77.1	78.0	78.5	79.4	79.9	79.9	80.2	82.2	80.8	82.2
GE 1000	61.9	63.2	69.8	70.9	75.7	76.6	78.0	79.1	79.7	80.5	81.1	81.1	81.4	81.4	81.9	82.3
GE 1200	63.3	64.7	71.2	72.3	77.1	78.2	79.4	80.5	81.1	81.9	82.5	82.5	82.8	82.8	83.3	84.7
GE 1000	63.6	65.0	72.2	73.2	78.2	78.8	82.2	81.6	82.5	83.3	83.9	83.9	84.2	84.2	84.7	85.2
GE 900	63.8	65.2	72.3	73.7	79.4	80.1	81.1	83.2	84.2	85.2	85.6	85.6	85.9	85.9	86.4	87.6
GE 800	63.8	65.3	72.3	73.7	79.4	80.5	82.2	83.9	84.7	85.6	85.2	85.2	85.4	85.4	87.2	85.4
GE 700	63.8	65.3	72.3	74.0	79.7	80.6	82.5	84.2	85.0	85.9	86.4	86.4	86.7	86.7	87.3	88.7
GE 600	64.1	65.5	72.6	74.3	80.8	82.2	83.9	85.6	86.4	87.3	87.9	87.9	88.1	88.1	88.7	92.1
GE 500	64.1	65.5	72.6	75.1	81.9	83.9	86.4	88.7	89.8	91.0	91.5	91.5	91.8	91.8	92.4	93.8
GE 400	64.1	65.5	72.6	75.1	81.9	83.9	86.7	89.3	90.7	91.8	92.4	92.4	92.7	92.7	93.2	94.6
GE 300	64.1	65.5	72.6	75.1	81.9	83.9	87.0	92.1	91.5	92.7	93.5	93.5	93.8	93.8	94.6	96.0
GE 200	64.1	65.5	72.6	75.1	81.9	83.9	87.2	92.1	91.5	92.7	94.4	94.4	94.6	94.6	95.3	98.3
GE 100	64.1	65.5	72.6	75.1	81.9	83.9	87.0	92.1	91.5	92.7	94.4	94.4	94.6	94.6	95.3	100.0
GE 000	64.1	65.5	72.6	75.1	81.9	83.9	87.2	92.1	91.5	92.7	94.4	94.4	94.6	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 354

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: NOV HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		48.0	49.0	50.4	50.7	51.0	51.2	51.2	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.6	51.7
GE 2000	55.7	55.8	59.0	59.4	59.8	60.1	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8	61.0
GE 1800	55.7	56.0	59.2	59.4	59.5	60.1	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8	61.0
GE 1600	55.7	55.8	59.0	59.4	59.8	60.1	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.8	61.0
GE 1400	56.0	57.1	59.3	59.7	60.0	60.4	60.4	60.6	60.6	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.2
GE 1200	55.7	57.8	60.2	60.4	60.8	61.1	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7	62.2
GE 1000	59.0	62.3	62.6	63.2	63.8	64.2	64.2	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.8	65.2
GE 900	59.4	60.6	63.1	62.7	64.4	65.0	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.9
GE 800	62.2	63.7	66.3	66.9	67.7	68.3	68.3	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.9	69.2
GE 700	62.0	64.4	67.1	67.7	68.6	69.2	69.2	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.8	70.0
GE 600	63.2	64.7	67.4	68.0	63.8	69.4	69.4	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.3
GE 500	64.1	65.6	68.5	69.2	70.2	70.9	71.0	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.8	72.1
GE 450	64.7	66.3	69.2	69.9	71.1	71.9	72.1	72.5	72.6	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.3
GE 400	66.1	68.2	71.1	72.0	73.3	74.2	74.5	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.8
GE 350	67.1	69.2	72.1	73.2	74.6	75.4	75.9	76.3	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.8	77.1
GE 300	68.0	70.0	73.0	74.1	75.4	76.3	76.8	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.6	78.2
GE 250	68.9	71.0	74.2	75.1	76.4	77.3	77.8	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.6	79.2
GE 200	69.9	72.0	74.9	76.0	77.5	78.4	78.9	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.7	80.1
GE 180	70.0	72.1	75.1	76.2	77.6	78.5	79.0	79.3	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8	80.2
GE 150	71.6	73.6	77.1	78.4	79.8	80.6	81.3	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.5
GE 120	72.7	75.3	78.9	80.3	82.2	83.3	83.7	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	85.2
GE 100	73.3	75.9	79.6	81.1	83.1	84.2	84.8	85.2	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	86.3
GE 90	73.6	76.2	80.0	81.7	83.7	85.1	85.7	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.8	87.2
GE 80	74.2	76.9	80.8	82.5	84.6	86.2	86.9	87.3	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.4
GE 70	74.7	77.5	81.4	83.5	85.8	87.7	88.4	88.9	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6	90.0
GE 60	74.7	77.5	82.2	84.5	87.0	89.1	90.0	90.8	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.7	92.1
GE 50	74.7	77.6	82.4	85.0	88.3	91.1	92.4	93.4	94.1	94.6	94.7	94.7	94.7	94.9	94.9	95.0	95.5
GE 40	74.6	77.8	82.5	85.1	88.4	91.4	92.9	93.9	94.6	95.2	95.5	95.5	95.5	95.6	95.6	96.2	96.5
GE 30	74.8	77.8	82.5	85.1	88.5	91.7	93.4	95.1	96.2	97.2	97.7	97.8	97.8	97.9	97.9	98.7	99.0
GE 20	74.8	77.6	82.5	85.1	88.5	91.7	93.4	95.2	96.5	97.4	98.0	98.3	98.4	98.4	98.4	99.4	99.8
GE 10	74.8	77.8	82.5	85.1	88.5	91.7	93.4	95.2	95.5	97.4	98.2	98.2	98.4	98.4	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOUR: 16-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	52.9	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	53.0	53.6	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	53.0	53.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	53.0	53.6	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	52.5	54.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	54.5	55.1	55.1	55.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	56.4	57.2	58.0	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	56.4	57.0	58.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	59.0	59.7	70.8	70.9	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	70.3	71.2	72.4	72.5	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	70.7	71.6	72.8	72.9	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5200	72.4	73.3	74.5	74.6	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	73.1	74.1	75.3	75.5	75.6	75.9	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	75.7	75.8	76.2	76.3	76.4	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	77.0	78.1	79.7	80.0	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	77.9	79.0	80.7	81.0	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	79.1	80.3	82.1	82.3	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	81.1	82.4	84.3	84.7	85.1	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	81.8	83.2	85.1	85.6	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	82.5	85.0	87.3	87.9	88.4	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	84.2	85.7	88.2	89.2	89.7	90.1	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	84.6	86.1	88.5	89.4	90.1	90.5	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	84.9	86.3	89.0	89.9	90.7	91.3	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	85.5	87.2	90.1	91.3	92.2	92.9	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	86.2	87.9	91.1	92.4	93.8	95.0	95.0	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	86.2	88.0	91.2	92.6	94.5	95.7	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	86.3	88.2	91.6	92.9	95.0	96.5	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	86.3	88.2	91.6	92.9	95.0	96.8	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	86.3	88.2	91.6	92.9	95.0	96.8	98.3	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.3	88.2	91.6	92.9	95.0	96.8	98.3	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.3	88.2	91.6	92.9	95.0	96.8	98.3	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.3	88.2	91.6	92.9	95.0	96.8	98.3	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANEB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	55.5	56.6	55.6	56.6	55.6	56.6	55.6	56.6	55.6	56.6	56.6	55.6	56.6	55.6	56.6
GE 20000	64.2	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	64.2	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	64.2	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	65.1	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	67.2	67.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10200	72.5	71.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9200	71.0	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	75.4	75.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	76.6	77.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6200	77.6	78.5	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	78.1	79.0	80.5	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	79.4	80.4	81.9	82.1	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	81.7	82.7	84.2	84.5	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	81.9	84.2	85.8	86.0	86.2	86.4	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3200	84.0	85.1	87.0	87.4	87.5	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	85.5	86.6	88.6	89.1	89.4	89.8	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2200	86.2	87.4	89.5	90.2	90.5	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	86.4	87.5	89.7	90.3	90.6	91.0	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	86.6	87.9	90.1	91.0	91.4	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	87.1	88.4	90.6	91.5	91.9	92.5	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	87.1	88.4	90.6	91.7	92.1	92.6	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	87.2	88.6	91.1	92.5	92.9	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	87.4	88.7	91.7	93.1	93.8	94.5	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	87.5	88.8	91.8	93.3	94.0	94.9	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	87.5	88.8	92.1	93.5	94.4	95.3	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	87.8	89.1	92.3	93.8	94.8	96.2	97.4	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	87.8	89.1	92.3	94.1	95.2	96.9	98.1	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.8	89.1	92.3	94.1	95.2	96.9	98.1	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	87.8	89.1	92.3	94.1	95.2	96.9	98.1	98.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	87.8	89.1	92.3	94.1	95.2	96.9	98.1	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 733125

STATION NAME: MCENTIRE ANGUS SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 80  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.2	59.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9
GE 20200	64.8	65.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8
GE 18220	64.8	65.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8
GE 16020	64.8	65.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8
GE 14020	65.4	65.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
GE 12020	67.6	68.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5
GE 10220	70.3	71.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4
GE 90020	71.0	71.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
GE 80020	74.1	75.3	77.4	77.7	77.7	77.7	77.9	77.9	77.9	78.2	78.0	78.2	78.2	78.2	78.2	78.2
GE 72220	75.5	76.6	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 60020	75.7	78.0	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	81.0	81.0	81.0
GE 52020	78.7	80.1	82.2	82.5	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	83.2	83.2	83.2
GE 45220	79.2	80.8	82.8	83.2	83.4	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.2	84.2	84.2
GE 40020	80.1	81.6	82.7	84.2	84.6	85.1	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.8	85.8	85.8
GE 35220	81.6	82.2	85.4	85.9	86.6	87.1	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8
GE 32020	83.5	85.2	87.5	88.0	88.7	89.5	89.7	89.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2
GE 25020	83.9	85.6	87.8	88.3	89.0	90.1	92.2	90.4	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7
GE 20220	84.7	86.4	88.7	89.2	89.9	90.9	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.6	91.6	91.6
GE 18220	84.9	85.6	88.9	89.4	90.1	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.8	91.8	91.8
GE 15220	85.1	86.6	89.2	89.5	90.4	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1
GE 12220	85.1	86.8	89.2	89.9	90.7	91.5	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.5	92.5	92.5
GE 10220	85.1	85.8	89.4	90.4	91.4	92.5	92.6	92.8	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.1
GE 90220	85.1	85.8	89.5	90.7	91.8	93.3	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5
GE 82220	85.2	87.0	92.4	91.6	93.0	94.0	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.9	94.9	94.9
GE 70220	85.2	87.0	92.4	91.6	93.1	94.5	94.5	95.1	95.2	95.4	95.4	95.4	95.4	95.5	95.5	95.5
GE 60220	85.5	87.7	90.7	91.9	93.5	95.2	95.7	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 52220	85.5	87.3	90.7	91.9	93.5	95.4	96.4	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5
GE 42220	85.5	87.3	92.7	91.9	94.2	95.1	97.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 32220	85.5	87.3	92.7	91.9	94.2	96.1	97.3	99.0	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3
GE 22220	85.5	87.3	92.7	91.9	94.2	95.1	97.3	99.0	99.1	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 10220	85.5	87.3	92.7	91.9	94.2	96.1	97.3	99.2	99.1	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 22220	85.5	87.3	92.7	91.9	94.2	95.1	97.3	99.0	99.1	99.3	99.3	99.3	99.3	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 583

OPERATIONS LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72312E

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 88

LST TO UTC: + 5

MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	51.0	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.6	63.8	63.8	63.8	64.2
GE 20000	65.1	66.2	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.6
GE 18000	65.1	66.2	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.6
GE 16000	65.1	66.2	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.6
GE 14000	65.3	66.6	68.6	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	70.1
GE 12000	67.4	68.6	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	72.2
GE 10000	69.4	70.9	72.9	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	72.9	74.3
E 9000	69.6	71.6	73.7	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	75.0
GE 8000	72.4	74.4	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.8
GE 7000	72.9	75.2	77.2	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.7	78.7	78.7	79.1
GE 6000	73.1	75.2	77.4	78.2	78.5	78.5	78.5	78.7	78.7	78.7	78.9	78.9	79.1	79.1	79.1	79.5
GE 5000	75.0	77.1	79.3	80.0	80.4	80.4	80.6	80.6	80.6	80.6	80.8	80.8	81.0	81.2	81.2	81.2
GE 4500	75.9	78.0	80.2	81.2	81.9	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.8
GE 4000	77.4	79.5	81.7	82.6	83.8	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.7	84.7	84.7	85.1
GE 3500	79.9	81.9	84.1	85.1	86.4	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.3	87.2	87.2	87.7
GE 3000	82.2	82.3	84.5	85.4	86.9	87.3	87.3	87.5	87.5	87.5	87.7	87.7	87.9	87.9	87.9	88.2
GE 2500	81.2	83.2	85.4	86.4	87.9	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.9	88.8	88.8	89.2
GE 2000	82.1	84.1	86.4	87.3	88.8	89.2	89.2	89.4	89.4	89.4	89.6	89.6	89.7	89.7	89.7	90.1
GE 1800	83.3	84.3	86.6	87.5	89.0	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.9	89.9	89.9	90.3
GE 1500	83.6	84.7	87.3	88.2	89.7	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.7	90.7	90.7	91.0
GE 1200	83.6	84.7	87.5	88.4	89.9	90.3	90.3	90.7	90.7	90.7	90.9	90.9	91.2	91.2	91.2	91.4
GE 1000	82.2	85.3	88.2	89.4	90.9	91.4	91.4	91.8	91.8	91.8	92.0	92.0	92.2	92.2	92.2	92.5
GE 900	83.2	85.3	88.4	89.7	91.2	91.6	91.6	92.2	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.9
GE 800	83.2	85.2	88.6	90.5	92.4	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.3	93.3	93.3	93.7
GE 700	83.4	85.4	88.6	90.5	92.4	92.9	92.9	93.1	93.1	93.1	93.3	93.3	93.5	93.5	93.5	93.8
GE 600	83.4	85.4	88.8	90.5	92.4	93.3	93.3	93.7	93.7	93.7	94.0	94.0	94.2	94.2	94.2	94.6
GE 500	83.6	85.6	89.0	90.7	92.7	93.2	93.2	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.4
GE 400	83.6	85.6	89.0	90.7	92.7	93.2	93.2	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.4
GE 300	83.6	85.6	89.0	90.7	92.7	93.2	93.2	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.4
GE 200	83.6	85.6	89.0	90.7	92.7	93.2	93.2	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.4
GE 100	83.6	85.6	89.0	90.7	92.7	93.2	93.2	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.4

TOTAL NUMBER OF OBSERVATIONS 536

OPERATING LOCATION "A"  
USAFETAS, ASKEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING WEATHER VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTINE ANGEL SC  
LST TO LTD: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 7	3 5	5 5	5 4	3 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/6	1/2	3/8	1/4	2
NO CEIL	53.4	54.1	55.7	55.9	55.8	56.1	56.2	55.2	55.2	56.2	56.4	55.4	55.4	55.4	55.5	55.5
GE 20000	50.9	51.7	53.6	53.9	54.1	54.2	54.3	54.2	54.4	54.4	54.5	54.5	54.5	54.6	54.7	54.8
GE 18000	50.9	51.7	53.6	53.9	54.1	54.2	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.7	54.8
GE 16000	50.9	51.7	53.6	53.9	54.1	54.2	54.3	54.3	54.4	54.4	54.5	54.5	54.6	54.6	54.7	54.8
GE 14000	51.2	52.1	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.9	55.0	55.2	55.2	55.2	55.1	55.2
GE 12000	52.8	53.7	55.7	55.9	56.2	56.2	56.3	56.4	55.5	55.5	56.6	56.6	55.7	55.7	55.7	55.9
GE 10000	55.2	55.1	58.2	58.6	58.9	59.1	59.1	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.6	59.8
GE 9000	55.5	56.6	58.8	59.1	59.5	59.7	59.8	59.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.4
GE 8000	58.7	59.9	72.1	72.5	73.0	73.2	73.4	73.5	73.5	73.6	73.7	73.7	73.8	73.8	73.9	74.1
GE 7000	59.7	70.5	73.2	73.6	74.1	74.4	74.6	74.7	74.7	74.8	74.9	74.9	75.2	75.2	75.1	75.2
GE 6000	70.3	71.6	73.9	74.3	74.8	75.3	75.2	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.9
GE 5000	71.6	72.9	75.2	75.7	76.3	76.5	76.8	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.3	77.6
GE 4500	72.4	73.8	76.1	76.5	77.4	77.7	78.0	78.2	78.2	78.4	78.5	78.5	78.5	78.6	78.6	78.8
GE 4000	74.1	75.5	78.0	78.6	79.4	79.9	80.2	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.8	81.1
GE 3500	75.5	77.0	79.5	80.2	81.2	81.7	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.7	83.0
GE 3000	76.5	78.2	80.6	81.3	82.0	82.9	83.2	83.5	83.5	83.7	83.8	83.8	83.9	83.9	83.9	84.2
GE 2500	77.4	79.3	81.6	82.3	83.4	84.0	84.4	84.6	84.7	84.8	85.0	85.0	85.2	85.2	85.1	85.4
GE 2000	78.6	80.2	82.9	83.7	84.8	85.4	85.9	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.6	86.9
GE 1800	78.9	80.5	83.2	83.9	85.1	85.7	86.1	86.4	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.2
GE 1500	79.7	81.4	84.3	85.2	86.5	87.1	87.5	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.6
GE 1200	82.3	82.1	85.2	86.1	87.5	88.3	88.8	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.9
GE 1000	82.6	82.4	85.6	86.7	88.2	88.9	89.5	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.4	90.7
GE 900	80.8	82.6	86.0	87.3	88.8	89.6	90.2	90.6	90.8	90.9	91.0	91.2	91.1	91.1	91.2	91.5
GE 800	81.1	83.2	86.6	88.1	89.8	90.3	91.4	91.9	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.7
GE 700	81.4	83.3	87.0	88.6	90.5	91.7	92.5	93.0	93.2	93.3	93.4	93.4	93.5	93.5	93.6	93.8
GE 600	81.5	83.4	87.3	89.0	91.2	92.5	93.4	94.1	94.3	94.4	94.6	94.6	94.6	94.6	94.7	95.0
GE 500	81.6	83.5	87.5	89.3	91.8	93.5	95.0	95.8	96.3	96.5	96.6	96.6	96.7	96.7	96.8	97.1
GE 400	81.6	83.6	87.6	89.4	92.0	94.1	95.9	96.7	97.1	97.4	97.6	97.6	97.7	97.7	97.8	98.1
GE 300	81.6	83.6	87.6	89.4	92.1	94.2	95.8	97.2	97.9	98.2	98.5	98.5	98.6	98.6	98.9	99.1
GE 200	81.6	83.6	87.6	89.4	92.1	94.2	95.8	97.2	98.2	98.4	98.8	98.8	98.9	99.2	99.3	99.6
GE 100	81.6	83.6	87.6	89.4	92.1	94.2	95.8	97.2	98.2	98.4	98.8	98.8	98.9	99.2	99.4	100.0
GE 200	81.6	83.6	87.6	89.4	92.1	94.2	95.8	97.2	98.2	98.4	98.8	98.8	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3954



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCINTIRE ANSB SC

PERIOD OF RECORD: JAN 73 - DEC 88

LST TO UTC: + 5

MONTH: DEC HOURS: 05-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES																OF
	1 7	2 6	3 5	4 4	5 3	6 2 1/2	7 2	8 1 1/2	9 1 1/4	10 1	11 3/4	12 5/8	13 1/2	14 3/8	15 1/4	16 0	
NO CEIL	46.4	47.2	49.0	49.3	51.2	51.6	52.2	52.5	52.8	53.1	53.1	53.4	53.4	53.4	53.4	53.9	
GE 22000	50.7	51.9	53.6	54.5	56.3	56.9	57.4	58.0	58.3	58.6	58.6	58.9	58.9	58.9	58.9	59.8	
GE 18000	50.7	51.9	53.6	54.5	56.3	56.9	57.4	58.0	58.3	58.6	58.6	58.9	58.9	58.9	58.9	59.8	
GE 16000	50.7	51.9	53.6	54.5	56.3	56.9	57.4	58.0	58.3	58.6	58.6	58.9	58.9	58.9	58.9	59.8	
GE 14000	50.7	51.9	53.6	54.5	56.3	56.9	57.4	58.0	58.3	58.6	58.6	58.9	58.9	58.9	58.9	59.8	
GE 12000	50.7	51.9	53.6	54.8	56.6	57.1	57.7	58.6	58.9	59.2	59.2	59.5	59.5	59.5	59.5	62.3	
GE 10000	52.5	54.2	56.3	57.4	59.2	59.8	60.9	62.1	62.4	62.7	62.7	63.0	63.0	63.2	63.2	63.6	
GE 9200	52.1	54.8	56.9	58.0	59.8	62.2	61.5	62.7	63.0	63.3	63.3	63.6	63.6	63.6	63.6	64.4	
GE 8000	56.3	58.0	60.3	61.5	63.6	64.1	65.3	65.5	66.8	67.1	67.1	67.3	67.3	67.3	67.3	68.2	
GE 7000	57.7	59.5	61.6	63.2	65.0	65.6	66.8	67.9	68.2	68.5	68.5	68.6	68.6	68.6	68.6	69.7	
GE 6200	58.0	59.8	62.1	63.3	65.3	65.9	67.1	68.2	68.5	68.8	68.8	69.1	69.1	69.1	69.1	72.2	
GE 5200	59.8	61.5	63.8	65.0	67.1	67.6	68.8	70.0	70.3	70.8	70.8	71.1	71.1	71.1	71.1	73.2	
GE 4500	60.9	62.7	65.3	66.5	68.6	69.1	70.2	71.4	71.7	72.3	72.3	72.6	72.6	72.6	72.6	73.5	
GE 4000	63.8	65.6	68.2	69.4	71.7	72.3	74.1	75.2	75.5	75.1	75.4	75.7	75.7	75.7	75.7	77.6	
GE 3500	64.7	66.5	69.1	70.3	72.6	73.2	74.1	76.1	76.4	77.0	77.3	77.6	77.6	77.6	77.6	79.4	
GE 3000	65.6	67.6	70.2	71.4	73.8	74.3	76.1	77.3	77.6	78.1	78.4	78.7	78.7	78.7	79.0	79.9	
GE 2500	66.8	68.6	71.7	72.9	75.2	75.1	77.8	79.0	79.3	79.9	80.2	80.5	80.5	80.5	80.8	81.6	
GE 2000	67.6	69.7	72.6	74.1	76.7	77.6	79.3	82.5	80.8	81.3	81.6	81.9	81.9	81.9	82.2	83.1	
GE 1800	67.6	69.7	72.9	74.3	77.0	77.8	79.6	82.8	81.0	81.6	81.9	82.2	82.2	82.2	82.5	83.4	
GE 1500	67.9	72.2	73.2	74.6	77.3	78.1	79.8	81.2	81.3	82.2	82.5	82.8	82.8	82.8	83.1	84.2	
GE 1300	69.1	71.1	74.9	76.4	79.0	79.9	81.6	82.8	83.1	84.0	84.3	84.5	84.5	84.5	84.8	85.7	
GE 1200	69.4	71.4	75.5	77.3	79.9	82.8	82.5	83.7	84.0	84.8	85.1	85.4	85.4	85.4	85.7	86.6	
GE 900	72.0	72.0	76.4	75.1	82.8	81.6	82.4	84.5	84.8	85.7	86.0	86.2	86.2	86.3	86.6	87.5	
GE 800	72.0	72.0	76.4	78.4	81.3	82.8	84.5	85.7	85.0	86.9	87.2	87.5	87.5	87.5	87.8	88.6	
GE 700	72.0	72.0	76.4	79.4	81.3	82.1	84.8	85.0	85.3	87.2	87.5	87.8	87.8	87.8	88.0	88.9	
GE 600	72.0	72.0	76.4	78.4	81.9	82.7	85.4	85.6	85.9	87.8	88.2	88.3	88.3	88.3	88.6	89.5	
GE 500	73.3	72.3	77.2	75.3	83.1	85.1	87.5	88.9	89.2	92.1	90.7	91.0	91.0	91.0	91.3	92.1	
GE 400	73.6	72.6	77.3	75.6	83.4	85.2	88.8	90.4	90.7	91.5	92.1	92.4	92.4	92.4	92.7	93.6	
GE 300	70.6	72.6	77.3	79.6	83.4	85.0	89.5	91.5	91.6	93.7	93.3	93.9	93.9	93.9	94.2	95.9	
GE 200	70.6	72.6	77.3	79.6	83.4	85.0	89.5	91.5	92.1	93.0	94.2	94.3	94.3	94.3	94.6	97.4	
GE 100	70.6	72.6	77.3	79.6	83.4	85.2	89.5	91.8	92.1	93.2	94.2	94.3	94.3	94.3	95.2	99.7	
GE 000	70.6	72.6	77.3	79.6	83.4	85.0	89.5	91.5	92.1	92.0	94.2	94.2	94.2	94.2	95.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 343

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 763105

STATION NAME: MONTGOMERY AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 80  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	51.5	53.8	54.4	55.5	56.0	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.6	56.8	56.8
GE 00000	55.9	58.6	60.5	61.9	62.4	62.1	63.1	63.2	63.2	63.2	63.3	63.5	63.5	63.8	64.0	64.3
GE 10000	55.9	58.6	60.5	61.9	62.4	62.1	63.1	63.2	63.2	63.2	63.3	63.5	63.5	63.8	64.0	64.3
GE 16000	55.9	58.6	60.5	61.9	62.4	62.1	63.1	63.2	63.2	63.2	63.3	63.5	63.5	63.8	64.0	64.3
GE 14000	55.9	58.6	60.5	61.9	62.4	62.1	63.1	63.2	63.2	63.2	63.3	63.5	63.5	63.8	64.0	64.3
GE 12000	57.7	59.4	61.3	62.7	63.2	63.8	63.8	64.2	64.2	64.0	64.1	64.2	64.2	64.5	64.7	64.7
GE 10000	60.5	62.3	64.5	66.0	66.5	67.2	67.2	67.3	67.3	67.3	67.4	67.6	67.6	67.9	68.1	68.1
GE 9000	60.5	62.6	64.7	66.4	66.9	67.5	67.5	67.7	67.7	67.7	67.8	67.9	67.9	68.2	68.5	68.5
GE 8000	64.7	66.7	69.1	70.9	71.7	72.3	72.3	72.4	72.4	72.4	72.6	72.7	72.7	72.9	73.2	73.2
GE 7000	66.2	67.9	70.5	72.3	73.1	74.1	74.1	74.2	74.2	74.2	74.4	74.5	74.5	74.7	75.0	75.0
GE 6000	65.2	68.2	70.8	72.6	73.3	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.7	75.1	75.3	75.3
GE 5000	66.8	68.8	71.7	73.5	74.2	75.4	75.4	75.5	75.5	75.5	75.6	75.8	75.8	76.2	76.2	76.3
GE 4500	67.7	69.7	72.7	74.5	75.3	76.4	76.4	76.5	76.5	76.5	76.7	76.8	76.8	77.1	77.3	77.3
GE 4000	69.4	71.5	74.7	76.7	77.6	78.7	78.7	78.8	78.8	78.8	79.0	79.1	79.1	79.5	79.6	79.6
GE 3500	70.3	72.4	75.3	78.2	79.2	80.4	80.4	80.5	80.5	80.5	80.6	80.8	80.8	81.2	81.4	81.4
GE 3000	71.3	73.5	77.6	79.5	80.5	81.7	81.7	81.8	81.8	81.8	81.9	82.1	82.1	82.6	82.7	82.7
GE 2500	71.5	74.1	78.2	82.3	81.3	82.4	82.4	82.6	82.6	82.6	82.7	82.8	82.8	83.3	83.5	83.5
GE 2000	72.6	75.3	79.6	81.8	82.9	84.1	84.2	84.4	84.4	84.4	84.5	84.6	84.6	85.1	85.3	85.3
GE 1800	72.7	75.4	79.7	81.9	83.1	84.2	84.4	84.6	84.6	84.6	84.7	84.9	84.9	85.4	85.5	85.5
GE 1500	73.7	76.4	80.9	83.1	84.2	85.3	85.3	85.5	85.5	85.5	85.6	85.8	85.8	86.3	86.4	86.4
GE 1200	75.0	77.8	82.6	84.7	85.3	87.7	88.2	88.7	88.7	88.7	88.8	89.0	89.0	89.5	89.6	89.6
GE 1000	75.4	78.2	83.1	85.3	86.9	88.5	89.2	89.6	89.6	89.6	89.7	89.9	89.9	90.4	90.5	90.5
GE 900	75.4	78.2	83.1	85.4	87.1	88.7	89.2	89.9	89.9	89.9	90.0	90.1	90.1	90.6	90.8	90.8
GE 800	75.5	78.3	83.2	85.5	87.4	89.1	89.7	90.4	90.4	90.4	90.5	90.6	90.6	91.1	91.2	91.2
GE 700	75.8	78.6	83.5	85.9	87.9	89.6	90.3	90.8	90.8	90.8	91.0	91.1	91.1	91.7	91.8	91.8
GE 600	75.9	78.7	83.7	86.3	88.3	90.2	91.2	91.8	91.8	91.8	91.9	92.1	92.1	92.6	92.7	92.7
GE 500	76.3	79.1	84.1	86.9	89.4	92.2	93.3	94.2	94.2	94.2	94.4	94.5	94.5	95.2	95.1	95.1
GE 400	76.3	79.1	84.1	86.9	89.4	92.4	94.1	95.4	95.6	95.6	95.9	96.0	96.0	96.5	96.7	96.7
GE 300	76.3	79.1	84.1	86.9	89.4	92.4	94.5	95.3	95.7	95.8	97.2	97.3	97.3	97.9	97.9	97.9
GE 200	76.3	79.1	84.1	86.9	89.4	92.4	94.6	96.5	96.9	97.2	97.6	98.2	98.2	98.8	98.2	98.2
GE 100	76.3	79.1	84.1	86.9	89.4	92.4	94.6	96.5	96.9	97.2	97.8	98.2	98.2	98.8	99.4	99.9
GE 000	76.3	79.1	84.1	86.9	89.4	92.4	94.6	96.5	96.9	97.2	97.8	98.2	98.2	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MONTICELLO ANGEL SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOUR: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	55.9	56.4	55.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	63.8	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	63.8	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16220	63.8	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14220	64.0	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12020	64.5	65.1	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 13000	67.2	67.3	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9220	67.4	68.1	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8020	72.7	73.4	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7020	74.0	74.5	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	74.4	75.2	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5200	75.2	75.1	75.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4520	75.7	76.6	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4220	77.6	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3520	79.4	80.2	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3220	80.1	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2520	81.6	82.6	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2020	83.5	84.9	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1820	83.9	85.5	86.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1520	84.8	85.5	87.8	88.8	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	85.0	87.6	89.3	90.3	91.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1020	85.1	87.8	89.7	90.7	91.4	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 920	86.6	88.2	92.3	91.5	92.1	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	85.9	88.5	90.7	92.1	92.8	93.2	93.7	94.2	94.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 720	87.2	86.8	91.1	92.7	93.6	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	87.4	89.2	91.5	92.1	94.2	94.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 520	87.5	89.3	91.6	93.4	95.0	95.0	95.4	97.2	97.0	97.2	97.0	97.2	97.0	97.0	97.0	97.0
GE 420	87.5	89.3	91.6	93.4	95.0	95.1	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 320	87.5	89.3	91.6	93.4	95.2	95.1	97.2	99.2	99.0	99.2	99.0	99.2	99.0	99.0	99.0	99.0
GE 200	87.5	89.2	91.6	93.4	95.0	95.1	97.4	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 120	87.5	89.2	91.5	93.4	95.2	95.1	97.4	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	100.0
GE 000	87.5	89.3	91.6	93.4	95.2	95.1	97.4	99.2	99.2	99.2	99.4	99.4	99.6	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 777

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 733125

STATION NAME: MCINTIRE AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 79  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/6	1/2	3/8	1/4	0
NO CEIL	55.3	55.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 52200	56.6	56.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16200	56.6	56.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16020	55.3	56.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14020	56.8	56.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12020	56.1	56.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10220	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9020	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8220	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7220	75.8	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6020	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5220	77.7	77.7	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4520	79.2	79.2	79.7	79.8	79.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4020	81.6	81.8	82.3	82.4	82.6	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3520	82.8	82.9	84.6	85.0	85.2	85.7	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3020	84.2	84.3	85.3	85.9	86.2	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	86.0	86.3	87.3	87.9	88.3	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2220	86.7	87.0	88.0	88.7	89.1	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	87.1	87.4	88.4	89.1	89.5	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	87.9	88.3	89.2	90.0	90.5	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	88.3	88.8	90.1	90.8	91.4	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	89.1	89.7	91.4	92.1	92.7	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	89.1	89.7	91.7	92.9	93.5	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	89.1	89.7	91.7	93.1	94.1	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	89.2	89.8	91.5	93.2	94.4	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	89.5	90.1	92.1	93.6	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	89.5	90.1	92.1	93.8	95.1	96.5	97.2	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	89.5	90.1	92.1	93.8	95.1	96.9	98.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	89.5	90.1	92.1	92.9	95.1	97.0	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	89.5	90.1	92.1	90.3	95.1	97.2	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	89.5	90.1	92.1	93.8	95.1	97.2	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 000	89.5	90.1	92.1	92.5	95.1	97.2	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72325

STATION NAME: MCINTIRE AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: DEC HOUR: 18-22

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	SE 7	SE 6	SE 5	SE 4	SE 3	SE 2 1/2	SE 2	SE 1 1/2	SE 1 1/4	SE 1	SE 3/4	SE 5/8	SE 1/2	SE 3/8	SE 1/4	SE 2
NO CEIL	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 6000	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	79.0	79.0	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	81.1	81.3	81.4	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
GE 4000	84.1	84.4	84.6	84.9	84.9	84.9	85.3	85.8	86.0	86.0	86.0	86.0	86.3	86.3	86.5	86.5
GE 3500	85.3	85.6	85.8	86.2	86.2	86.2	86.5	87.2	87.2	87.2	87.2	87.2	87.6	87.6	87.7	87.7
GE 3000	86.5	86.9	87.0	87.4	87.6	87.6	87.9	88.4	88.6	88.6	88.6	88.6	89.0	89.0	89.1	89.1
GE 2500	87.9	88.3	88.4	88.8	89.0	89.0	89.3	89.8	90.0	90.0	90.0	90.0	90.4	90.4	90.5	90.5
GE 2000	89.0	89.3	89.5	89.6	90.2	90.2	90.5	91.1	91.2	91.2	91.2	91.2	91.6	91.6	91.6	91.6
GE 1800	89.3	89.7	89.8	90.2	90.5	90.5	90.9	91.4	91.6	91.6	91.6	91.6	91.9	91.9	92.1	92.1
GE 1500	92.7	91.1	91.2	91.6	91.9	91.9	92.3	92.6	93.0	93.0	93.0	93.0	93.3	93.3	93.5	93.5
GE 1200	91.4	91.8	92.3	92.8	93.2	93.2	93.7	94.2	94.4	94.4	94.4	94.4	94.7	94.7	94.9	94.9
GE 1000	91.4	91.9	92.5	93.2	93.5	93.7	94.2	94.7	94.9	94.9	94.9	94.9	95.3	95.3	95.4	95.4
GE 900	91.4	91.9	92.5	93.2	93.5	93.7	94.2	94.7	94.9	94.9	94.9	94.9	95.3	95.3	95.4	95.4
GE 800	91.4	91.9	92.5	93.0	93.7	93.9	94.4	95.1	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6
GE 700	91.6	92.1	92.6	93.2	93.9	94.2	94.9	95.6	95.6	95.6	95.6	95.6	96.1	96.1	96.3	96.3
GE 600	91.6	92.1	92.6	93.3	94.0	94.4	95.4	96.1	96.3	96.3	96.3	96.3	96.7	96.7	96.8	96.8
GE 500	91.6	92.1	92.6	93.3	94.0	94.4	95.6	96.3	96.5	96.5	96.5	96.5	96.8	96.8	97.0	97.0
GE 400	91.6	92.1	92.6	93.7	94.4	95.2	97.2	98.2	98.4	98.6	98.6	98.6	99.0	99.0	99.1	99.1
GE 300	91.6	92.1	92.8	93.7	94.4	95.3	97.2	98.3	98.9	99.1	99.1	99.1	99.5	99.5	99.6	99.6
GE 200	91.6	92.1	92.8	93.7	94.4	95.3	97.2	98.8	98.9	99.1	99.1	99.1	99.5	99.5	99.6	99.6
GE 100	91.6	92.1	92.8	93.7	94.4	95.3	97.2	98.8	98.9	99.1	99.1	99.1	99.5	99.5	99.8	100.0
GE 000	91.6	92.1	92.8	93.7	94.4	95.3	97.2	98.8	98.9	99.1	99.1	99.1	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 80  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	63.5	63.7	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.5	65.5
GE 2200	67.4	67.6	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.5
GE 1800	67.4	67.6	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.5
GE 1500	67.4	67.6	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.5
GE 1400	67.4	67.6	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.5
GE 1200	69.7	69.8	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8	71.8	71.8	71.8
GE 1000	73.3	73.5	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.2	75.0	75.0	75.4	75.4	75.4	75.4
GE 900	73.5	73.7	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6
GE 800	75.6	75.8	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 700	76.1	76.3	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.4	78.4
GE 600	76.7	76.9	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0	79.0
GE 500	79.6	79.8	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.9	81.9	81.9	81.9
GE 450	81.1	81.3	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4	83.4	83.4
GE 400	82.3	82.5	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.1	85.1	85.1	85.1
GE 350	84.0	84.2	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.3	86.3	86.3	86.3
GE 300	85.9	86.3	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.6
GE 250	87.4	87.8	89.3	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.5	90.5	90.5	90.6
GE 200	88.2	88.5	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	91.2	91.2	91.2	91.4
GE 180	88.2	88.5	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	91.2	91.2	91.2	91.4
GE 150	89.3	89.7	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.6	92.6	92.6	92.7
GE 120	89.7	90.1	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	93.3	93.3	93.3	93.5
GE 100	89.9	90.3	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	93.1	93.1	93.5	93.5	93.5	93.7
GE 90	89.9	90.3	92.4	92.6	92.9	92.9	93.1	93.3	93.3	93.3	93.7	93.7	94.1	94.1	94.1	94.3
GE 80	89.9	90.3	92.4	92.6	92.9	92.9	93.1	93.3	93.3	93.3	93.7	93.7	94.1	94.1	94.1	94.3
GE 70	89.9	90.3	92.4	92.9	93.5	93.7	93.9	94.1	94.1	94.1	94.5	94.5	94.9	94.9	94.9	95.3
GE 60	89.9	90.3	92.4	92.9	93.5	93.7	94.1	94.3	94.3	94.3	94.7	94.7	95.1	95.1	95.1	95.5
GE 50	89.9	92.3	92.4	92.9	93.5	93.7	94.3	94.5	94.7	94.7	95.0	95.0	95.4	95.4	95.4	95.6
GE 40	89.9	90.3	92.4	92.9	93.7	94.6	96.2	95.8	97.3	97.5	97.9	97.9	98.3	98.3	98.3	98.5
GE 30	89.9	90.3	92.4	92.9	93.7	94.6	96.2	95.9	97.7	97.9	98.3	98.3	98.7	98.7	98.7	98.9
GE 20	89.9	90.3	92.4	92.9	93.7	94.6	96.2	97.1	97.9	98.1	98.3	98.3	98.7	98.7	98.7	98.9
GE 10	89.9	90.3	92.4	92.9	93.7	94.6	96.2	97.1	98.1	98.3	98.3	98.3	98.7	98.7	98.7	98.9
GE 0	89.9	90.3	92.4	92.9	93.7	94.6	96.2	97.1	98.1	98.3	98.3	98.3	98.7	98.7	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 524

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 783105

STATION NAME: MCENTINE AFB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 83  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL	56.2	55.5	57.2	57.6	57.9	58.2	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.4
GE 2000	62.7	63.3	64.2	64.5	64.9	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6
GE 1800	62.7	63.3	64.2	64.6	64.9	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6
GE 1600	62.7	63.3	64.2	64.6	64.9	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.6	65.6
GE 1400	62.7	63.3	64.2	64.7	65.0	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.6	65.6	65.7
GE 1200	62.8	64.4	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6	66.7	66.7	66.8
GE 1000	67.0	67.7	68.6	69.1	69.5	69.6	69.8	69.9	69.9	69.9	70.2	70.2	70.1	70.2	70.2	70.3
GE 900	67.3	68.0	69.0	69.5	69.8	70.2	70.1	70.2	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.6
GE 800	70.7	71.4	72.5	73.1	73.5	73.7	73.8	73.9	73.9	74.0	74.0	74.2	74.1	74.2	74.2	74.3
GE 700	71.8	72.5	73.6	74.2	74.6	74.9	75.0	75.1	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.5
GE 600	72.1	72.9	74.0	74.5	75.0	75.3	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.9
GE 500	73.7	74.5	75.7	75.3	76.7	77.0	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.7
GE 400	74.9	75.7	77.0	77.7	78.1	78.4	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.1	79.1	79.2
GE 300	77.1	78.0	79.3	80.1	80.6	81.0	81.2	81.4	81.5	81.6	81.6	81.7	81.8	81.9	81.9	82.0
GE 200	78.5	79.4	81.0	81.7	82.3	82.7	82.9	83.1	83.2	83.3	83.3	83.4	83.5	83.6	83.7	83.8
GE 100	79.5	80.5	82.1	83.0	83.5	83.9	84.2	84.4	84.5	84.5	84.6	84.7	84.8	84.9	85.0	85.1
GE 2500	80.7	81.9	83.7	84.5	85.1	85.6	85.8	86.0	86.1	86.1	86.2	86.3	86.4	86.5	86.6	86.7
GE 2000	81.9	83.1	84.9	85.9	86.6	87.1	87.4	87.6	87.7	87.7	87.8	87.8	88.0	88.1	88.1	88.3
GE 1800	82.1	83.3	85.2	86.2	87.0	87.4	87.7	88.0	88.1	88.1	88.2	88.3	88.4	88.5	88.5	88.7
GE 1600	82.0	84.3	86.2	87.2	88.1	88.7	89.1	89.4	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1
GE 1400	83.9	85.3	87.6	88.6	89.5	90.1	90.6	91.0	91.1	91.1	91.3	91.3	91.4	91.5	91.6	91.7
GE 1200	84.2	85.6	88.1	89.2	90.1	90.8	91.3	91.7	91.8	91.9	92.0	92.0	92.1	92.2	92.3	92.4
GE 1000	84.4	85.8	88.4	89.6	90.6	91.3	91.8	92.3	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0
GE 900	84.5	85.8	88.5	89.8	91.0	91.8	92.4	92.8	92.9	93.0	93.1	93.1	93.2	93.4	93.4	93.5
GE 800	84.6	86.0	88.7	90.1	91.4	92.2	93.0	93.4	93.5	93.6	93.7	93.7	93.8	94.0	94.0	94.1
GE 700	84.8	85.2	88.9	90.4	91.8	92.7	93.5	94.3	94.1	94.1	94.2	94.3	94.4	94.5	94.6	94.7
GE 600	84.9	86.3	89.2	90.7	92.4	93.7	94.7	95.4	95.5	95.6	95.7	95.7	95.8	95.9	96.0	96.1
GE 500	84.9	86.3	89.1	90.8	92.5	94.2	95.8	96.8	97.1	97.2	97.4	97.4	97.5	97.7	97.8	97.9
GE 400	84.9	85.3	89.1	90.8	92.5	94.3	96.2	97.5	97.7	97.9	98.1	98.2	98.3	98.4	98.5	98.7
GE 300	84.9	86.3	89.1	90.8	92.5	94.3	96.1	97.6	97.9	98.1	98.5	98.6	98.7	98.8	99.0	99.2
GE 200	84.9	85.3	89.1	90.8	92.5	94.3	96.1	97.6	97.9	98.1	98.5	98.6	98.9	98.9	99.2	99.9
GE 100	84.9	86.3	89.1	90.8	92.5	94.3	96.1	97.6	97.9	98.1	98.5	98.6	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722125

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL MONTHS: ALL

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 2
NO CEIL	48.2	52.5	53.5	55.2	55.0	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8
GE 20000	56.3	59.0	62.6	64.4	65.5	65.9	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5
GE 18000	55.3	59.2	62.6	64.4	65.6	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 16000	56.3	59.0	62.6	64.4	65.6	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 14000	56.5	59.3	62.9	64.6	65.8	66.2	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 12000	57.8	62.5	64.2	66.2	67.3	67.6	67.9	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3
GE 10000	61.7	64.6	68.6	72.6	71.9	72.3	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.2
GE 9000	62.5	65.5	69.6	71.6	72.9	73.4	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.1
GE 8000	65.1	68.2	72.4	74.5	75.9	76.4	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.3
GE 7000	65.8	69.2	73.2	75.4	76.9	77.4	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1
GE 6000	66.3	69.5	73.8	75.9	77.3	77.8	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6
GE 5000	67.4	72.7	75.1	77.3	78.8	79.3	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.1
GE 4500	68.4	71.7	76.2	78.4	79.9	80.5	80.8	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
GE 4000	70.0	73.5	78.2	80.5	82.3	82.8	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.8
GE 3500	71.4	74.9	79.7	82.3	84.1	84.7	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.7
GE 3000	72.4	75.2	81.0	83.5	85.4	85.1	85.6	85.7	85.8	85.8	85.9	85.9	85.9	87.0	87.0	87.1
GE 2500	73.2	76.9	82.0	84.6	85.6	87.3	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
GE 2000	74.1	77.9	83.1	85.8	87.9	88.6	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7
GE 1800	74.2	78.1	83.3	86.1	88.1	88.8	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0
GE 1500	74.9	78.8	84.2	87.1	89.2	90.0	90.5	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.1	91.2
GE 1200	75.6	79.5	85.1	88.2	90.4	91.3	91.9	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.5	92.6
GE 1000	75.9	79.9	85.6	88.8	91.2	92.1	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.5
GE 900	76.2	82.1	85.9	89.1	91.6	92.6	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.0
GE 800	76.2	80.3	86.2	89.6	92.2	93.3	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.9
GE 700	76.4	80.5	86.5	90.2	92.8	94.2	95.0	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.9
GE 600	76.5	82.6	86.7	92.3	93.2	94.5	95.6	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6
GE 500	76.5	82.7	86.9	90.5	93.6	95.2	96.5	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.7	97.8
GE 400	76.5	82.7	86.9	90.6	93.7	95.5	96.9	97.8	98.0	98.0	98.2	98.2	98.4	98.4	98.5	98.6
GE 300	76.5	82.7	86.9	92.6	93.8	95.5	97.1	98.2	98.5	98.7	98.8	98.9	99.0	99.0	99.1	99.2
GE 200	76.5	80.7	86.9	90.6	93.5	95.6	97.2	98.3	98.6	98.8	98.9	99.1	99.1	99.2	99.3	99.3
GE 100	76.5	80.7	86.9	92.6	93.8	95.6	97.2	98.3	98.6	98.9	99.1	99.2	99.3	99.4	99.5	100.0
GE 000	76.5	80.7	86.9	90.6	93.8	95.6	97.2	98.3	98.6	98.9	99.1	99.2	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 49564



OPERATING LOCATION: 1A  
USAFETAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTOSH AFB SC

PERIOD OF RECORD: JAN 79 - DEC 68

LST TO UTC: + 5

MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	ST 1/2	PARTIAL OBSERVATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-22								0
03-05								0
06-08	21.3	18.7	20.5	35.5	3.2	52.0	3.8	395
09-11	21.2	23.5	16.9	39.7	1.6	58.4	2.9	865
12-14	17.0	25.7	16.4	40.2	.8	57.4	1.4	861
15-17	14.3	29.7	19.4	36.4	.3	53.0	1.3	778
18-20	29.6	21.2	12.1	34.4	1.1	48.5	1.3	519
21-23	38.9	15.2	11.5	31.3	2.2	45.1	2.1	551
ALL HOURS	22.0	22.0	15.2	35.0	1.2	54.2	2.2	4099

MONTH: FEB HOURS: ALL

00-02								2
03-05								2
06-08	17.1	17.4	16.2	44.6	4.9	65.3	6.5	358
09-11	16.2	18.5	17.2	45.8	1.2	55.3	5.1	304
12-14	12.3	21.9	22.2	42.4	.5	54.9	1.3	522
15-17	11.5	23.1	22.1	41.9	.4	55.4	1.4	731
18-20	22.2	22.7	22.1	36.1	.9	59.2	2.4	533
21-23	21.4	16.5	12.8	37.5	1.5	51.9	2.9	547
ALL HOURS	17.6	22.1	19.4	41.7	1.3	62.4	3.2	2838

OPERATING LOCATION: WAFB  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ARMS SQ  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	ST 1/2	PARTIAL OBSERVATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								2
03-05								2
06-08	22.4	19.3	20.0	36.2	2.1	58.2	2.9	419
09-11	21.2	22.7	18.5	37.3	.3	55.1	1.6	918
12-14	16.3	25.3	23.2	34.2		57.4		918
15-17	12.3	29.7	24.2	33.9		58.1	.2	832
18-20	18.1	22.8	19.5	33.3	.3	53.1	.3	657
21-23	23.5	23.9	13.5	38.8	.3	42.6	.6	624
ALL HOURS	19.0	25.0	22.0	34.0	.2	54.0	.2	4298

MONTH: APR HOURS: ALL

00-02								2
03-05								2
06-08	23.2	29.5	17.6	25.4	1.2	47.2	1.5	522
09-11	21.2	26.1	22.3	27.5		49.9	1.2	922
12-14	16.3	35.7	19.9	28.4		43.3	.5	920
15-17	12.0	39.1	19.9	27.9	.1	47.9	.1	792
18-20	22.3	33.4	18.3	27.9		45.2	.2	545
21-23	38.8	21.2	13.3	25.3	.4	42.2	.4	547
ALL HOURS	22.9	32.0	19.1	27.8	.2	47.1	.7	4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 75 - DEC 55  
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	BT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	18.6	27.9	22.2	30.0	1.3	53.5	3.1	699
09-11	13.9	34.8	25.1	26.2		51.3	.2	885
12-14	6.7	40.8	30.9	21.7		52.5		882
15-17	5.4	41.9	26.3	26.5		52.8	.1	722
18-20	12.1	30.3	25.5	32.1		57.5	.2	635
21-23	24.0	27.1	20.3	28.6		49.0	.5	384
ALL HOURS	12.0	34.0	25.0	27.0	.0	52.0	.0	4208

MONTH: JUN HOURS: ALL

00-02								0
03-05								0
06-08	16.3	31.1	22.4	29.5	.7	52.6	3.1	711
09-11	12.2	36.6	29.2	21.9	.1	51.2	.3	900
12-14	1.9	47.8	30.4	19.8	.1	50.3	.1	902
15-17	1.2	46.9	31.6	22.2	.3	52.1	.3	729
18-20	6.4	37.3	27.3	29.0		55.3	.6	641
21-23	17.9	34.3	20.2	27.4	.3	47.6		391
ALL HOURS	8.5	39.7	27.5	24.0	.2	51.9	.7	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: JUL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	9.1	31.6	32.6	25.6	1.2	59.4	6.6	694
09-11	10.3	37.1	32.8	19.8		52.6	2.5	873
12-14	2.1	45.2	35.2	16.4	.1	52.8	2.1	870
15-17	.4	41.4	37.7	20.4	.1	59.2	2.1	717
18-20	6.9	28.0	34.1	31.0		55.1	1.9	636
21-23	13.2	27.3	22.4	31.2		54.5		385
ALL HOURS	6.0	35.0	33.0	22.0	.2	56.0	2.0	4775

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	15.6	22.7	25.3	24.1	2.3	51.7	9.7	731
09-11	13.0	39.5	28.8	18.6	.1	47.4	2.1	921
12-14	1.4	52.6	32.5	13.5	.1	45.2	1.4	921
15-17	.9	46.0	31.3	21.5	.3	53.1	.9	750
18-20	9.4	33.0	28.1	29.5		57.6	1.2	653
21-23	20.3	29.9	20.3	29.4	.3	49.9	.5	395
ALL HOURS	9.0	40.4	28.5	21.5	.5	50.5	2.7	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	GT 1/2	PARTIAL OBSERVATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	17.9	29.9	19.5	31.3	1.3	52.2	7.2	685
09-11	17.2	32.5	22.1	28.2		50.3	1.6	955
12-14	7.0	45.7	24.3	22.9		47.3	.7	855
15-17	4.8	44.7	26.8	23.7		50.5	.3	709
18-20	14.6	35.2	23.2	26.1		49.3	.2	625
21-23	32.8	24.5	15.9	25.8		42.7	1.0	384
ALL HOURS	14.0	36.0	22.0	26.0	.0	49.0	1.0	4114

MONTH: OCT HOURS: ALL

00-02								0
03-05								0
06-08	26.1	23.3	21.1	27.4	2.0	52.6	4.9	635
09-11	23.5	27.5	22.4	26.2	.3	45.9	.9	879
12-14	18.0	34.7	24.7	22.6		47.3	.7	879
15-17	19.2	36.6	19.8	24.4		44.2	.7	738
18-20	30.0	25.2	18.0	26.8		44.8	.5	650
21-23	40.5	21.8	12.3	25.5		37.8	1.2	487
ALL HOURS	25.0	28.9	20.4	25.3	.4	46.1	1.4	4258

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSERVATION	ST 1/2	PARTIAL OBSERVATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	23.2	24.3	19.5	29.9	3.1	52.5	6.8	354
09-11	22.9	22.5	18.2	35.7	.7	54.5	3.7	818
12-14	18.4	26.9	21.9	32.8		54.7	.5	819
15-17	17.5	27.3	25.4	29.8		55.2	.5	744
18-20	23.3	25.0	17.3	23.8	.5	46.7	1.7	583
21-23	40.9	17.7	13.1	27.8	.6	41.4	2.2	536
ALL HOURS	24.0	24.0	19.0	31.0	.0	51.0	2.0	3854

MONTH: DEC HOURS: ALL

00-02								0
03-05								0
06-08	17.5	31.2	15.7	31.5	4.1	51.3	5.2	343
09-11	17.3	20.8	20.8	31.7	1.4	52.3	3.1	780
12-14	12.9	32.6	23.7	22.4	.4	55.5	.5	777
15-17	11.7	32.1	22.2	34.0		55.2	.5	788
18-20	27.7	23.1	16.6	32.2	.4	49.2	2.1	571
21-23	41.8	18.7	11.5	27.3	.6	39.5	2.7	524
ALL HOURS	20.4	27.7	19.3	31.7	.9	51.9	2.1	3783

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	ST 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								2
06-08	18.5	27.3	21.9	30.3	2.0	54.1	5.2	6535
09-11	17.5	29.3	23.0	29.7	.5	53.2	2.1	12298
12-14	10.8	36.4	25.6	27.0	.2	52.8	.8	10382
15-17	9.4	36.4	25.5	28.5	.1	54.1	.7	8951
18-20	18.4	28.7	22.0	30.5	.3	52.8	1.0	7513
21-23	32.7	22.5	15.2	29.0	.6	44.8	1.3	5785
ALL HOURS	16.7	30.9	22.8	29.1	.5	52.4	1.7	49564

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE



## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (PDF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE PDF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 100-55, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-5612  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							.6	.2					.1
GE 120						.8	3.7	1.4					.5
GE 95					.1	7.9	15.5	9.1	1.6	.5			2.9
GE 90				1.5	7.0	29.2	47.8	38.7	13.1	1.0			11.6
GE 85			2.1	13.5	30.3	66.9	82.5	76.0	44.3	8.4			27.1
GE 80	.3	1.0	5.9	32.0	62.5	89.2	95.7	92.8	72.8	26.4	4.0	.5	42.3
GE 75	2.0	4.7	22.6	52.2	82.4	95.8	99.1	98.1	66.6	53.2	17.8	5.5	51.6
GE 70	7.1	13.8	39.4	70.8	95.1	99.2	99.9	99.9	96.2	74.0	40.9	13.1	62.5
GE 65	16.7	25.4	56.9	87.3	98.1	99.9	100.0	100.0	99.2	90.2	59.2	27.0	71.8
GE 60	30.0	40.0	74.4	95.2	99.6	100.0			100.0	96.8	75.2	42.8	79.5
GE 55	45.3	55.4	86.9	98.8	100.0					99.0	87.4	59.8	86.2
GE 50	62.4	72.8	94.0	99.6						99.6	96.0	75.7	91.7
GE 45	76.5	85.7	98.1	99.9						100.0	98.7	90.7	95.8
GE 40	89.2	95.0	99.6	100.0							99.6	97.4	98.4
GE 35	94.8	99.2	99.8								100.0	99.6	99.4
GE 33	97.3	99.7	99.9									99.7	99.7
GE 30	99.0	99.9	99.9									99.9	99.9
GE 25	100.0	99.9	99.9									100.0	100.0
GE 20		100.0	100.0										100.0
MEAN	53.1	55.6	66.1	74.4	80.5	86.4	89.1	87.8	82.8	74.4	65.9	57.4	72.9
SD	11.02	10.63	10.08	8.56	6.60	5.83	5.45	5.58	6.45	7.55	9.01	12.09	14.86
TOTAL OBS	784	723	822	749	729	752	787	803	765	819	779	777	9264

OPERATING LOCATION: 1A  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG 50  
LST TO UTC: +05

PERIOD OF RECORD: 6310-8612

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.3						.0
GE 80							1.9	.1					.2
GE 75						6.0	15.5	12.8	1.2	.1			2.9
GE 70				.1	4.5	40.5	75.1	65.8	28.0	2.3	.4		18.3
GE 65	.1		1.6	6.2	30.6	75.5	95.6	92.9	59.5	19.5	3.2	1.2	31.6
GE 60	.6	1.5	6.4	23.1	59.3	90.9	99.7	98.8	79.9	25.5	8.6	3.3	41.5
GE 55	3.8	6.7	18.1	45.7	83.7	95.4	100.0	100.0	92.0	45.5	17.7	6.8	51.2
GE 50	8.4	11.9	34.4	64.4	94.7	99.9			92.6	64.5	23.9	13.9	58.3
GE 45	16.6	20.4	51.9	82.4	99.0	100.0			99.9	79.2	48.7	25.2	68.7
GE 40	29.2	35.0	69.6	93.3	99.9				99.9	92.2	64.1	39.8	77.0
GE 35	46.8	53.3	85.2	96.3	100.0				100.0	97.6	80.4	55.5	84.0
GE 30	54.1	62.5	89.2	99.3						99.1	85.2	63.7	87.9
GE 25	65.9	74.7	94.5	100.0						99.8	93.1	76.4	92.1
GE 20	83.9	89.9	99.3							100.0	95.2	90.9	96.9
GE 15	94.2	97.9	99.9								99.9	98.7	99.2
GE 10	98.2	99.5	99.9								100.0	99.9	99.6
GE 5	99.4	100.0	100.0									99.9	99.9
GE 0	100.0											100.0	100.0
MEAN	34.4	35.5	45.0	52.2	60.4	67.5	71.4	70.4	64.8	52.9	44.4	37.5	53.2
SD	10.25	9.95	9.71	8.35	6.43	5.33	3.51	3.68	5.22	9.15	10.45	12.43	15.39
TOTAL OBS	784	720	802	749	729	750	787	803	755	819	779	777	9254

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC

PERIOD OF RECORD: 6212-6812

LST TO UTC: +05

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.3						.2
GE 90							2.4	.5					.2
GE 85					.1	6.4	13.7	9.1	.4	.1			2.5
GE 80					3.6	32.1	59.2	50.2	15.6	1.0			13.7
GE 75			.6	6.6	28.9	73.5	94.0	88.3	52.3	6.5	.9	.3	29.5
GE 70	.3	.4	5.5	25.9	61.2	94.0	99.6	98.3	79.3	25.9	4.5	1.4	41.4
GE 65	2.0	4.2	18.8	48.1	94.1	98.5	100.0	100.0	92.2	48.5	15.1	4.6	51.4
GE 60	6.8	12.4	35.9	69.4	96.7	99.9			99.3	71.3	34.8	12.9	61.6
GE 55	14.5	21.4	56.1	88.9	99.5	100.0			99.9	86.3	55.2	24.1	70.7
GE 50	27.7	3.3	74.1	97.1	100.0				100.0	96.9	73.7	40.2	78.9
GE 45	46.0	55.3	89.2	99.3						99.9	67.8	58.6	86.5
GE 40	67.7	78.2	96.3	100.0						100.0	97.0	80.8	93.4
GE 35	84.2	92.8	99.5								99.5	93.3	97.5
GE 30	87.9	95.6	99.6								99.6	97.0	98.3
GE 25	94.1	98.2	99.8								99.8	99.2	99.3
GE 20	93.1	99.7	99.9								100.0	99.7	99.8
GE 15	99.5	100.0	100.0									100.0	100.0
GE 10	100.0												100.0
MEAN	44.0	46.8	55.8	63.8	70.7	77.2	82.5	79.3	74.1	63.9	53.4	47.7	53.3
SD	9.72	9.29	9.22	7.55	5.72	4.93	3.98	4.05	5.59	7.48	8.69	9.35	14.67
TOTAL OBS	784	720	822	749	729	750	767	823	765	819	779	777	9264

OPERATING LOCATION: 1A  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANEB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8612  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										88	81*	72	85*
63	75	67	87		*	*	97	102	97	88	82	64	102*
64	69	63	81	87	94	97	94	95	92	83	82	75	97
65	74	77	79	88	91	91	91	93	86	83	75	73	93
66	76	68	81	86	86	93	96	92	92	85	79	78	96
67	78	73	64	91	93	92	90	90	85	85	76	60	93
68	72	65	85	92	88	94	96	100	89	87	79	70	100
69	71	71	79	84	90	95	98	93	87	85	73	72	98
70	77	73	79	91	94	101	100	99	97	88	79	77	101
71	71	75	77	88	89	95	95	91	89	87	82	81	95
72	73	79	79	90	85	93	92	93	93	86	80	76	93
73	69	71	84	83	91	92	95	93	92	89	83	77	95
74	78	76	86	88	91	96	92	95	90	82	84	73	96
75	84	80	82	89	93	92	92	96	94	83	80	73	96
76	75	81	89	89	89	91	95	93	88	82	73	66	95
77	55	80	85	88	87*	98	104	93	89	88	80	72*	104*
78	72	71	80	89	92	102	97	96	97	86	82	81*	102*
79	65	75	80	82	86	92	95	96	91	86	83	74*	96*
80	65	75	75	91	87	97	105	102	97	86	78*	73*	105*
81	66	73	81	91	95	98	98	93	92	92	79	74	98
82	77	80	88	83	92	93	92	97	90	85	79	78*	97*
83	64	71	79	82	89	94	101	125	96	89	77*	76*	105*
84	68	73*	82	85	89	98	95	94	95	90	82	78*	95*
85	75	77	88	89	91	102	94*	91	92	87	79	75*	100*
86	72	77	85	92	93	101	125	98	97	97	84*	76*	106*
87	70	72	77	90	88	93	102	98	90	76	82*	73*	100*
88	69*	74	80	88	92	94	96	101	92	86	80*	74*	101*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

THE GREATEST VALUE OF 106 OCCURRED ON 07/09/56

E - 3 - 1B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										33	31*	8	8*
63	15	19	32	*	*	*	59	63	49	34	29	16	15*
64	16	25	28	39	51	64	63	64	54	26	29	21	16
65	21	23	25	29	55	55	65	58	54	32	28	21	21
66	8	19	23	34	40	50	62	57	52	39	25	23	8
67	24	12	25	37	42	54	60	58	37	34	23	22	12
68	19	16	25	37	46	54	65	57	54	33	24	19	16
69	13	24	22	38	42	59	68	56	53	35	21	20	13
70	7	18	25	36	44	58	62	67	47	34	19	21	7
71	16	17	27	32	39	55	66	68	59	44	27	28	15
72	15	20	29	31	50	49	59	64	52	34	27	22	15
73	23	14	32	34	44	57	64	62	62	38	27	22	14
74	31	22	30	34	50	57	61	65	50	29	25	31	21
75	26	31	22	35	52	63	64	64	52	37	27	15	15
76	13	28	30	30	43	52	65	59	49	28	29	15	13
77	8	19	28	41	71*	52	64	53	56	36	27	20*	8*
78	17	20	28	44	47	61	65	63	55	37	38	24*	17*
79	20	20	33	43	50	56	63	60	59	38	24	22*	20*
80	23	15	13	42	45	57	67	61	58	40	32*	24*	13*
81	15	19	27	45	45	59	67	65	49	36	29	18	15
82	12	33	30	34	53	63	69	62	49	39	26	27*	12*
83	20	30	37	30	45	55	63	50	50	41	33*	24*	20*
84	22	23*	32	44	52	55	68	67	51	46	22	25*	22*
85	8	23	36	42	52	60	66*	65	48	45	40	22*	8*
86	13	28	29	42	52	69	72	62	60	39	32*	26*	13*
87	25	22	31	34	52	64	70	68	52	31	31*	24*	23*
88	19*	22	30	41	50	64	64	67	60	35	35*	21*	19*



MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6212-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1960	7	12	13	30	39	49	59	57	37	28	19	8	7
TOTAL CBS	764	760	802	749	729	753	787	603	765	819	779	777	9264

THE LEAST VALUE OF 7 OCCURRED ON 01/09/78

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 92% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6810-8812  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
62										66	53*	44	54*
63	43	42	60	*	*	*	82	82	72	66	55	40	60*
64	45	45	56	64	72	80	78	78	74	61	60	51	54
65	47	48	51	64	74	73	75	78	74	62	54	47	63
66	40	46	51	62	68	73	79	75	71	63	53	47	61
67	50	44	57	65	68	74	77	76	68	61	52	51	52
68	40	40	55	63	68	76	79	80	73	64	52	42	51
69	42	43	49	63	69	79	62	76	72	64	52	44	61
70	38	45	55	65	71	77	82	80	77	66	52	49	63
71	45	46	50	61	68	78	79	79	75	69	54	57	63
72	51	46	54	63	68	73	78	77	74	62	53	51	63
73	45	45	59	61	69	77	80	79	77	66	58	48	64
74	57	49	59	62	71	74	76	78	72	60	54	46	54
75	52	53	56	63	73	77	78	80	74	66	56	45	65
76	42	57	61	64	70	75	80	78	73	60	48	44	62
77	34	46	60	68	79*	79	83	79	76	61	56	47*	63*
78	40	41	54	67	72	80	82	81	77	64	61	51*	64*
79	42	45	58	66	71	74	79	79	74	64	57	46*	63*
80	45	43	52	63	70	77	82	80	77	62	54*	47*	63*
81	40	49	52	69	70	62	82	78	74	63	55	47	64
82	43	51	58	62	74	78	81	79	74	64	59	54*	65*
83	44	49	58	59	70	75	82	83	73	65	56*	50*	64*
84	45	50*	56	62	71	80	83	81	73	73	55	55*	66*
85	42	50	61	68	73	80	80*	78	74	68	64	46*	65*
86	45	54	59	68	74	83	89	82	79	63	61*	46*	68*
87	43	46	54	61	73	79	85	82	74	58	57*	48*	64*
88	40*	46	57	63	70	76	82	83	76	62	58*	46*	64*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: +05

PERIOD OF RECORD: 6210-8812

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	44.0	46.8	55.8	63.8	70.7	77.2	80.5	79.3	74.1	63.9	55.4	47.7	63.3
TOTAL OBS	784	720	802	749	729	752	767	803	755	819	779	777	9354

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	35.8	10.112	395	0	153	3	0	0	395
09-11	41.7	8.907	865	0	123	7	0	0	865
12-14	48.5	9.026	861	0	28	39	0	0	861
15-17	52.4	9.007	778	0	19	48	0	0	778
18-20	44.7	8.728	619	0	45	10	0	0	619
21-23	40.7	8.988	581	0	105	3	0	0	581
ALL HOURS	44.5	10.090	4099	0	473	110	0	0	4099

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	40.4	10.455	368	0	89	2	0	0	368
09-11	46.8	10.096	804	0	55	28	0	0	804
12-14	53.8	10.787	800	0	4	162	0	0	800
15-17	56.0	10.746	731	0	0	194	0	0	731
18-20	50.6	10.217	588	0	11	54	0	0	588
21-23	45.7	9.670	547	0	51	8	0	0	547
ALL HOURS	49.8	11.429	3538	0	210	448	0	0	3538

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
02-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.9	9.514	419	0	22	14	0	0	419
09-11	55.5	9.614	918	0	9	160	2	0	918
12-14	62.4	10.226	918	0	6	397	30	0	918
15-17	64.4	10.035	831	0	4	438	37	0	831
18-20	58.8	9.183	657	0	1	197	3	0	657
21-23	53.0	9.105	624	0	3	66	0	0	624
ALL HOURS	58.0	10.927	4367	0	45	1272	72	0	4367

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
02-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.3	7.706	497	0	1	66	0	0	497
09-11	65.0	8.040	899	0	0	477	30	0	899
12-14	70.9	8.833	900	0	0	666	154	0	900
15-17	72.2	9.073	793	0	0	643	193	0	793
18-20	56.2	8.675	649	0	0	374	38	0	649
21-23	59.4	7.746	547	0	0	163	0	0	547
ALL HOURS	66.0	10.032	4285	0	1	2409	425	0	4285

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANG B SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DES F					TOTAL HOURS
				LE 2	LE 32	GE 65	GE 80	GE 92	
00-02	.0	.020	0	0	0	0	0	0	0
03-05	.0	.020	0	0	0	0	0	0	0
06-08	64.2	6.071	699	0	0	378	0	0	699
09-11	73.1	6.019	885	0	0	811	127	0	885
12-14	78.5	6.412	882	0	0	853	430	1	882
15-17	79.0	6.560	722	0	0	714	367	2	722
18-20	73.4	6.499	636	0	0	84	113	0	636
21-23	57.3	5.617	384	0	0	274	2	0	384
ALL HOURS	73.3	8.199	4208	0	0	3629	1039	3	4208

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DES F					TOTAL HOURS
				LE 2	LE 32	GE 65	GE 80	GE 92	
00-02	.0	.020	0	0	0	0	0	0	0
03-05	.0	.020	0	0	0	0	0	0	0
06-08	71.6	5.252	711	0	0	638	34	0	711
09-11	79.7	5.810	900	0	0	888	480	4	900
12-14	84.6	6.272	902	0	0	891	738	94	902
15-17	85.1	6.850	729	0	0	729	583	121	729
18-20	79.8	6.323	641	0	0	625	325	14	641
21-23	74.3	5.126	391	0	0	382	65	0	391
ALL HOURS	79.8	7.788	4272	0	0	4163	2235	213	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO LTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	2	0	0	0	0	0
06-08	74.9	4.100	694	0	0	688	92	0	694
09-11	83.1	5.455	873	0	0	873	658	39	873
12-14	88.2	6.142	870	0	0	870	792	201	870
15-17	88.2	6.742	717	0	0	717	638	182	717
18-20	82.4	6.075	636	0	0	636	419	35	636
21-23	77.6	4.271	385	0	0	385	133	0	385
ALL HOURS	83.1	7.398	4175	0	0	4169	2732	457	4175

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	73.3	4.000	731	0	0	718	35	0	731
09-11	81.6	5.085	921	0	0	920	623	9	921
12-14	86.9	5.774	921	0	0	921	826	136	921
15-17	86.7	5.475	750	0	0	752	649	125	752
18-20	80.9	5.776	658	0	0	659	389	18	658
21-23	75.8	4.058	395	0	0	392	74	0	395
ALL HOURS	81.6	7.362	4376	0	0	4351	2596	287	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	67.5	6.339	686	0	0	468	1	0	686
09-11	75.6	6.617	855	0	0	801	258	1	855
12-14	81.2	7.054	855	0	0	837	547	31	855
15-17	81.9	6.997	709	0	0	696	461	35	709
18-20	75.0	6.492	625	0	0	586	157	0	625
21-23	70.9	5.662	384	0	0	327	9	0	384
ALL HOURS	75.0	8.371	4114	0	0	3735	1433	65	4114

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.6	8.926	635	0	2	135	1	0	635
09-11	66.1	8.320	879	0	0	492	46	0	879
12-14	72.4	8.525	879	0	0	725	123	12	879
15-17	73.1	8.279	738	0	0	628	157	12	738
18-20	64.6	8.174	650	0	0	338	16	0	650
21-23	60.1	8.279	487	0	0	157	2	0	487
ALL HOURS	66.3	10.300	4268	0	2	2465	422	24	4268



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LST		DEVIATION	OBS	LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.020	0	0	0	0	0	0	0
06-08	49.2	10.516	354	0	16	31	0	0	354
09-11	57.7	8.815	818	0	1	206	2	0	818
12-14	64.7	8.572	819	0	0	428	16	0	819
15-17	65.2	8.387	744	0	0	405	14	2	744
18-20	56.9	8.599	583	0	1	131	0	0	583
21-23	52.8	9.481	536	0	4	70	0	2	536
ALL									
HOURS	59.0	10.419	3854	0	22	1272	30	0	3854

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	40.6	10.872	343	0	92	9	0	0	343
09-11	47.5	9.697	782	0	38	43	2	0	782
12-14	55.2	9.919	777	0	3	160	0	0	777
15-17	56.5	9.681	788	0	0	161	0	0	788
18-20	49.7	9.257	571	0	9	43	0	2	571
21-23	45.1	9.552	524	0	50	17	0	0	524
ALL									
HOURS	50.2	11.071	3703	0	192	438	0	0	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	2	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.0	14.773	6532	0	375	3162	163	0	6532
09-11	64.9	15.905	10397	0	226	5711	2224	52	10397
12-14	71.0	15.444	10382	0	41	6984	3731	475	10382
15-17	71.4	14.993	8950	2	23	6134	3111	455	8950
18-20	65.6	14.828	7513	0	67	4246	1470	67	7513
21-23	58.3	14.478	5785	0	213	2244	235	0	5785
ALL HOURS	55.0	15.891	49559	0	945	28481	10584	1049	49559

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	32.8	10.203	395	205	31	0	0	0	395
09-11	35.6	9.093	865	268	76	1	0	0	865
12-14	40.3	8.455	861	150	121	3	0	0	861
15-17	41.2	8.327	778	113	112	4	0	0	778
18-20	38.3	8.701	619	157	61	1	0	0	619
21-23	36.0	9.015	581	216	45	2	0	0	531
ALL HOURS	32.1	9.213	4099	1110	446	9	0	0	4099

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	37.1	10.651	358	137	57	0	0	0	366
09-11	41.0	10.204	804	174	174	0	0	0	804
12-14	44.7	9.976	800	79	250	2	0	0	800
15-17	45.7	9.460	731	34	245	3	0	0	731
18-20	43.2	9.625	588	80	152	0	0	0	583
21-23	42.5	9.726	547	127	105	0	0	0	547
ALL HOURS	42.6	10.235	3838	651	983	5	0	0	3338

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	44.2	9.583	418	48	131	1	0	2	418
09-11	48.2	9.435	918	41	412	14	0	0	918
12-14	51.2	9.044	918	16	517	40	0	2	918
15-17	51.9	8.617	831	7	500	30	0	2	831
18-20	49.7	8.471	657	9	322	5	0	0	657
21-23	47.2	9.065	624	33	251	1	0	0	624
ALL HOURS	49.2	9.301	4366	154	2133	91	0	0	4366

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.4	8.343	497	7	382	7	0	0	497
09-11	55.2	8.014	899	1	661	46	0	0	899
12-14	57.1	7.554	900	0	755	31	3	0	900
15-17	57.2	7.125	793	2	678	57	3	2	793
18-20	55.0	7.192	549	0	493	11	0	0	549
21-23	52.5	7.652	547	0	341	3	0	0	547
ALL HOURS	55.2	7.871	4285	8	3210	205	6	0	4285

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	62.0	6.622	699	0	635	129	2	0	699
09-11	63.7	6.208	885	2	863	335	34	0	885
12-14	64.9	5.867	882	0	877	416	52	0	882
15-17	64.9	5.565	722	0	718	325	42	0	722
18-20	63.4	5.550	636	0	631	214	17	0	636
21-23	61.5	5.743	384	2	375	75	2	0	384
ALL HOURS	63.3	5.184	4208	0	4099	1495	149	0	4208

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	67.1	5.204	711	0	710	451	63	0	711
09-11	70.1	5.096	900	0	900	700	369	0	900
12-14	71.1	4.980	900	0	900	734	439	3	900
15-17	70.9	4.713	729	0	709	600	334	2	729
18-20	69.8	4.694	641	0	641	501	202	0	641
21-23	68.1	4.646	391	0	391	271	62	0	391
ALL HOURS	69.7	5.163	4272	0	4271	3257	1510	5	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 68

LST TO UTC: + 5

MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES 32 F LE 32 GE 50 GE 67 GE 73 GE 80					TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	2	0	0	0
06-08	70.7	3.385	694	0	694	613	233	0	694
09-11	73.7	3.558	873	0	873	638	587	17	873
12-14	74.6	3.493	870	0	870	651	652	45	870
15-17	74.3	3.137	717	0	717	707	511	17	717
18-20	73.1	3.109	636	0	636	622	385	11	636
21-23	71.8	3.116	385	0	385	370	160	0	385
ALL HOURS	73.2	3.584	4175	0	4175	4001	2536	90	4175

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	69.7	3.893	731	0	731	593	187	0	731
09-11	73.0	3.792	921	0	921	856	625	8	921
12-14	74.0	3.771	921	0	921	882	594	30	921
15-17	73.6	3.449	750	0	750	723	522	12	750
18-20	72.5	3.490	658	0	658	624	381	4	658
21-23	70.8	3.388	395	0	395	350	140	2	395
ALL HOURS	72.5	4.033	4376	0	4376	4028	2537	54	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 75 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	63.9	6.770	686	0	655	317	26	0	686
09-11	67.6	6.203	855	0	855	541	213	0	855
12-14	69.0	5.776	855	0	855	596	300	0	855
15-17	69.0	5.575	709	0	709	483	235	1	709
18-20	67.6	5.749	625	0	625	420	140	1	625
21-23	66.0	5.763	384	0	384	200	44	0	384
ALL HOURS	67.4	6.233	4114	0	4083	2545	958	2	4114

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	53.1	9.505	635	3	388	63	2	0	635
09-11	58.1	8.781	879	0	718	183	49	0	879
12-14	60.2	8.225	879	0	797	235	54	0	879
15-17	62.5	7.818	732	0	677	191	57	0	732
18-20	58.1	8.252	650	0	547	110	18	0	650
21-23	55.7	8.562	487	0	357	66	0	0	487
ALL HOURS	57.9	8.873	4268	3	3484	850	190	0	4268

OPERATING LOCATION "A"  
USAFSTAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.9	10.826	354	40	132	4	0	0	354
09-11	50.9	9.443	818	13	424	34	0	0	818
12-14	54.0	8.921	819	2	543	58	2	0	819
15-17	54.1	8.582	744	0	495	52	1	0	744
18-20	50.8	9.075	583	4	309	13	0	0	583
21-23	48.1	9.742	536	11	235	9	2	0	536
ALL HOURS	51.3	9.662	3854	70	2138	180	3	0	3854

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	37.6	11.109	343	131	51	1	0	0	343
09-11	42.1	10.118	780	120	165	8	0	0	780
12-14	45.0	9.940	777	46	350	22	0	0	777
15-17	46.5	9.507	728	32	242	15	0	0	705
18-20	43.8	9.620	571	64	163	5	0	0	571
21-23	40.7	9.775	524	125	104	0	0	0	524
ALL HOURS	43.4	10.309	3703	518	975	51	0	0	3703



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 68  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.2	14.643	6531	572	4497	2179	533	0	6531
09-11	57.0	14.693	10397	617	7042	3556	1857	25	10397
12-14	59.2	13.610	10382	293	7556	3930	2206	78	10382
15-17	59.0	13.109	8950	206	6572	3191	1705	32	8950
18-20	57.4	13.702	7513	314	5238	2508	1163	16	7513
21-23	53.0	14.269	5785	512	3358	1353	425	0	5785
ALL HOURS	57.3	14.115	49558	2514	34373	16717	7889	151	49558

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	26.8	13.438	395	329	94	388	1	395
09-11	27.9	13.646	865	414	226	849	3	865
12-14	27.4	14.406	861	419	242	844	1	861
15-17	27.2	14.503	778	433	209	759	2	778
18-20	28.0	13.498	619	310	159	601	0	619
21-23	28.2	12.670	581	294	144	555	2	581
ALL HOURS	27.6	13.820	4099	2049	1084	4007	7	4099

MONTH: FEB

00-02	.0	.000	0	2	0	0	0	820
03-05	.0	.000	0	2	2	2	2	820
06-08	31.5	13.449	368	153	126	349	0	600
09-11	32.5	14.596	804	302	304	740	0	820
12-14	32.4	15.168	800	315	326	732	7	800
15-17	32.0	15.104	731	300	262	677	1	820
18-20	33.0	14.356	588	204	220	550	0	820
21-23	32.8	13.434	547	189	194	510	2	520
ALL HOURS	32.4	14.534	3838	1463	1412	3564	8	3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	39.4	12.159	418	76	240	377	0	418
09-11	39.7	13.448	918	201	537	790	0	918
12-14	39.1	13.745	918	209	514	788	10	918
15-17	38.7	13.682	831	199	449	724	10	831
18-20	39.7	12.729	657	128	372	571	1	657
21-23	40.3	12.394	624	127	372	545	0	624
ALL HOURS	39.4	13.210	4366	920	2464	3796	29	4366

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	46.5	10.974	497	25	394	369	8	490
09-11	45.9	12.613	899	81	671	647	35	900
12-14	44.7	12.660	902	91	637	691	33	920
15-17	43.8	12.321	793	81	561	627	29	900
18-20	44.4	11.569	649	49	493	521	21	900
21-23	45.7	10.856	547	29	429	431	10	900
ALL HOURS	45.1	12.064	4285	357	3185	3286	136	4285

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
23-05	.0	.220	0	0	0	0	0	0
06-08	56.9	8.515	699	2	687	248	150	699
09-11	57.0	9.499	885	5	859	311	217	885
12-14	55.5	9.724	882	6	843	378	174	882
15-17	55.3	9.586	722	2	700	325	126	722
18-20	56.5	8.653	636	0	628	257	126	636
21-23	57.3	7.734	384	0	384	141	57	384
ALL HOURS	56.3	9.220	4208	15	4101	1670	650	4208

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
20-02	.0	.000	0	0	0	0	0	900
03-05	.0	.220	0	0	0	0	0	900
06-08	64.5	6.388	711	2	711	74	435	900
09-11	65.0	6.951	900	0	900	111	586	900
12-14	63.9	7.355	900	0	900	144	544	900
15-17	63.3	7.303	729	0	729	114	395	900
18-20	64.3	6.747	641	0	640	75	378	900
21-23	64.5	5.912	391	0	391	36	241	900
ALL HOURS	64.2	6.957	4272	0	4271	554	2579	4272

OPERATING LOCATION :  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 55	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	68.6	3.936	694	0	694	4	594	694
09-11	69.3	4.528	873	2	873	11	749	873
12-14	68.3	4.707	870	2	870	11	703	870
15-17	67.7	4.764	717	2	717	16	555	717
18-20	68.7	4.233	636	0	636	2	546	636
21-23	68.9	3.888	385	2	385	1	317	385
ALL HOURS	68.6	4.485	4175	0	4175	51	3484	4175

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	921
03-05	.0	.000	0	0	0	0	0	921
06-08	67.8	4.571	731	0	731	11	585	921
09-11	68.8	4.879	921	0	921	19	764	921
12-14	68.0	5.157	921	2	921	26	723	921
15-17	67.3	4.857	750	0	750	22	563	921
18-20	68.4	4.499	656	0	656	6	525	921
21-23	68.3	4.122	395	0	395	3	331	921
ALL HOURS	68.1	4.831	4376	0	4376	87	3510	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCINTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	61.5	8.022	686	0	686	161	329	686
09-11	62.7	8.152	855	0	853	164	467	855
12-14	62.0	8.124	855	0	855	190	425	855
15-17	61.6	8.045	709	0	727	164	330	729
18-20	63.3	7.170	625	0	625	108	324	625
21-23	63.0	6.879	384	0	384	67	163	384
ALL HOURS	62.3	7.890	4114	0	4110	874	2055	4114

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	49.9	11.240	635	7	549	410	74	639
09-11	51.4	12.215	879	16	764	519	153	879
12-14	50.3	12.531	879	24	748	550	127	879
15-17	50.4	12.357	738	22	625	460	121	879
18-20	52.8	10.756	650	10	608	372	97	679
21-23	51.9	10.339	487	3	456	299	71	479
ALL HOURS	51.0	11.804	4268	82	3750	2611	632	4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	41.9	12.900	354	47	213	193	7	354
09-11	43.5	13.602	818	109	543	625	33	818
12-14	43.1	14.629	819	162	544	628	41	819
15-17	42.9	14.382	744	140	491	568	23	744
18-20	44.5	12.243	583	46	416	448	15	583
21-23	42.8	12.344	536	53	348	437	11	536
ALL HOURS	43.2	13.582	3854	562	2565	2969	129	3854

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00-02	.0	.020	0	0	0	0	0	777
03-05	.0	.000	0	2	0	0	0	777
06-08	32.7	13.652	343	127	125	320	5	777
09-11	34.3	14.110	780	250	316	712	15	777
12-14	34.0	15.303	777	296	310	699	17	777
15-17	34.0	15.189	708	278	297	627	8	777
18-20	35.9	13.671	571	168	266	519	7	777
21-23	34.4	12.857	524	173	224	493	1	777
ALL HOURS	34.3	14.328	3703	1292	1538	3382	54	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-22	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	52.7	16.739	6531	647	5255	2994	2187	6531
09-11	50.2	17.943	10397	1378	7772	5526	2030	10397
12-14	49.4	18.024	10382	1522	7690	5661	2020	10382
15-17	48.4	17.975	8950	1425	6497	5093	2142	8950
18-20	50.3	17.267	7513	915	5731	4046	2053	7513
21-23	47.5	17.223	5785	853	4106	3530	1252	5785
ALL HOURS	49.8	17.689	49558	6740	37051	26850	13484	49558



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 68  
MONTH: JAN

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.0	92.7	84.6	70.9	51.9	34.2	11.6	69.2	395
09-11	100.0	99.3	93.1	79.2	62.3	47.2	34.3	22.2	5.9	58.9	865
12-14	99.9	93.1	70.2	52.4	38.9	29.0	21.4	15.4	3.5	46.9	851
15-17	100.0	90.0	62.6	46.8	34.3	23.7	19.0	13.5	1.5	43.7	778
18-20	100.0	99.0	86.3	67.9	54.0	39.6	27.9	14.5	3.1	53.7	619
21-23	100.0	99.8	95.5	83.3	69.0	55.2	36.3	19.3	5.5	62.9	581
ALL HOURS	100.0	96.3	82.4	67.6	52.9	41.2	29.7	18.7	4.6	62.9	4299

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	95.7	85.1	71.2	54.1	38.0	17.4	70.8	358
09-11	100.0	100.0	93.3	76.0	60.9	48.8	36.2	23.8	10.1	59.3	824
12-14	100.0	95.8	73.8	54.1	39.1	28.0	21.5	13.6	5.4	47.5	820
15-17	100.0	90.6	64.6	48.0	36.0	24.5	17.9	11.4	3.8	44.0	731
18-20	100.0	97.8	83.8	68.2	53.9	39.5	27.4	17.3	5.6	53.7	588
21-23	100.0	99.8	95.4	85.9	69.8	52.5	40.2	23.2	8.8	62.0	547
ALL HOURS	100.0	97.0	83.2	68.2	54.2	41.1	30.6	19.6	7.7	62.0	3838

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-23										.2	0
03-05										.2	0
06-08	100.0	100.0	100.0	95.0	89.5	79.0	63.9	41.9	15.6	72.1	418
09-11	100.0	99.7	93.2	75.9	62.1	44.0	30.1	19.0	5.7	57.6	918
12-14	100.0	96.4	74.8	52.0	35.4	23.4	15.9	9.8	1.6	45.4	918
15-17	100.0	91.6	67.4	45.6	30.3	21.3	14.7	7.1	1.6	42.3	831
18-20	100.0	99.2	85.1	68.0	49.6	33.2	23.7	13.4	3.2	52.1	657
21-23	100.0	100.0	97.0	88.1	76.4	60.6	42.3	23.7	7.5	54.0	534
ALL HOURS	100.0	97.5	84.4	67.7	53.2	39.5	28.2	16.8	4.9	64.0	4366

MONTH: APR

00-23										.0	0
03-05										.0	0
06-08	100.0	100.0	99.4	97.2	86.7	76.5	59.0	37.2	12.9	71.3	497
09-11	100.0	98.8	89.3	70.4	50.6	35.4	22.4	13.0	6.1	53.1	899
12-14	100.0	95.0	69.8	44.1	29.7	20.0	12.3	7.2	3.6	42.6	900
15-17	100.0	90.4	60.8	38.0	26.6	18.4	12.7	8.2	3.7	40.1	793
18-20	100.0	97.4	80.7	60.5	41.1	29.3	20.0	13.1	6.9	49.4	649
21-23	100.0	100.0	97.4	87.8	75.0	55.4	37.3	20.1	6.6	62.3	547
ALL HOURS	100.0	96.5	80.8	62.7	47.6	35.4	24.3	14.6	6.3	62.8	4285

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB C

PERIOD OF RECORD: JAN 79 - DEC 86

LST TO UTC: + 5

MONTH: MAY

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	98.9	96.3	88.8	75.1	54.1	25.3	78.2	699
09-11	100.0	99.8	97.3	88.0	69.6	48.4	27.2	13.1	4.3	59.2	835
12-14	100.0	99.0	88.5	65.0	39.6	21.8	10.9	4.6	.9	47.5	882
15-17	100.0	99.2	85.9	58.9	36.6	22.4	13.6	6.6	2.5	46.9	732
18-20	100.0	99.8	96.5	84.1	63.1	44.5	29.1	18.6	7.9	58.5	636
21-23	100.0	100.0	99.7	99.2	94.3	76.6	56.3	33.1	14.6	71.9	384
ALL											
HOURS	100.0	99.6	94.0	80.4	63.3	47.1	32.3	19.7	8.2	71.9	4208

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.7	98.9	93.5	81.4	55.0	20.7	79.2	711
09-11	100.0	100.0	100.0	94.8	81.4	58.0	29.0	9.3	2.2	62.4	900
12-14	100.0	100.0	96.8	80.9	54.4	24.6	10.3	2.9	.8	51.5	920
15-17	100.0	100.0	94.2	71.9	46.0	23.7	13.0	6.0	2.2	50.5	729
18-20	100.0	100.0	98.4	91.3	76.8	53.5	28.9	12.8	6.2	61.2	641
21-23	100.0	100.0	100.0	99.7	95.4	85.9	60.4	29.7	10.5	72.6	391
ALL											
HOURS	100.0	100.0	98.1	88.7	73.2	52.9	33.9	17.4	6.3	72.6	4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.2	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.7	97.4	87.2	58.8	23.2	81.3	694
09-11	100.0	100.0	100.0	98.6	88.4	65.2	31.7	10.3	2.9	54.4	873
12-14	100.0	100.0	97.7	88.3	59.5	26.8	10.7	3.8	.3	53.4	870
15-17	100.0	100.0	95.4	85.2	53.2	30.0	13.7	4.7	1.3	52.9	717
18-20	100.0	100.0	99.2	95.1	84.6	63.5	38.7	16.8	5.5	65.2	636
21-23	100.0	100.0	100.0	99.5	97.9	91.7	71.2	33.2	13.8	75.4	335
ALL HOURS	100.0	100.0	98.8	94.1	78.3	58.7	38.2	19.2	6.9	73.4	4175

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.5	92.1	57.0	28.7	83.3	731
09-11	100.0	100.0	100.0	98.9	94.1	71.8	42.1	12.6	2.3	66.4	921
12-14	100.0	100.0	98.7	91.9	66.0	32.0	11.4	2.3	.4	54.8	921
15-17	100.0	100.0	98.3	88.7	59.3	31.1	13.9	5.1	2.4	54.4	750
18-20	100.0	100.0	99.7	97.4	89.7	69.9	44.5	17.9	5.5	67.4	658
21-23	100.0	100.0	100.0	100.0	99.7	96.5	79.7	43.8	13.2	78.0	395
ALL HOURS	100.0	100.0	99.4	95.7	83.1	63.0	42.5	21.4	7.8	78.0	4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.0	95.0	87.2	67.3	27.7	81.7	666
09-11	100.0	100.0	99.9	97.7	87.1	66.1	39.1	17.4	3.4	65.7	855
12-14	100.0	100.0	98.5	85.5	56.6	29.7	14.7	5.6	.8	53.7	855
15-17	100.0	100.0	97.0	78.6	51.3	26.2	15.0	6.5	.6	52.2	709
18-20	100.0	100.0	100.0	98.4	91.2	74.4	48.8	19.2	4.5	68.2	622
21-23	100.0	100.0	100.0	100.0	99.7	93.5	75.5	41.4	10.9	76.7	384
ALL HOURS	100.0	100.0	99.1	92.6	78.4	60.3	42.8	23.9	7.3	76.7	4114

MONTH: OCT

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.8	97.8	90.4	78.1	55.2	21.7	79.0	635
09-11	100.0	100.0	97.7	87.1	70.6	53.6	35.7	20.6	5.9	61.5	879
12-14	100.0	99.1	87.7	61.2	41.1	25.9	14.9	8.9	1.1	48.5	879
15-17	100.0	98.1	84.0	59.9	38.9	25.5	14.5	8.7	2.0	47.7	733
18-20	100.0	99.8	98.8	95.5	86.6	69.4	47.1	23.5	6.0	67.1	650
21-23	100.0	100.0	99.6	99.2	95.9	87.9	70.4	43.2	13.1	75.0	437
ALL HOURS	100.0	99.5	94.0	81.6	68.4	54.8	39.8	24.3	7.5	75.2	4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANSB SC  
LST TO TC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: NOV

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	99.2	95.5	86.1	72.6	49.2	14.4	76.1	354
09-11	100.0	99.0	95.4	85.5	71.1	55.4	37.7	22.6	5.4	61.5	818
12-14	100.0	94.1	81.3	60.4	43.7	31.3	18.7	10.4	1.9	48.6	819
15-17	100.0	93.5	80.0	59.5	43.3	28.1	16.9	9.4	2.6	47.7	744
18-20	100.0	99.8	99.1	93.1	79.9	64.7	43.4	22.1	4.5	64.7	583
21-23	100.0	100.0	99.4	95.5	88.4	78.2	59.0	26.5	4.7	59.5	536
ALL HOURS	100.0	97.3	90.9	79.0	65.9	52.6	36.7	20.7	4.7	69.6	3654

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.4	98.0	91.3	77.8	60.1	39.1	17.5	73.2	343
09-11	100.0	99.9	96.3	84.0	67.4	52.7	36.8	22.9	9.6	61.6	780
12-14	100.0	97.3	78.4	53.5	37.8	26.6	17.6	13.3	3.9	47.3	777
15-17	100.0	95.2	72.3	51.1	36.4	23.9	17.1	11.4	3.1	45.5	723
18-20	100.0	99.5	95.4	83.2	68.1	51.8	36.3	21.7	6.3	60.8	571
21-23	100.0	99.6	98.9	92.4	80.3	67.4	50.0	30.2	7.1	67.0	524
ALL HOURS	100.0	98.4	88.5	73.7	59.4	46.0	32.9	21.0	7.0	57.0	3703

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC

PERIOD OF RECORD: JAN 79 - DEC 68

LST TO UTC: + 5

MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.8	98.5	95.0	88.0	75.1	52.4	21.0	77.5	6531
09-11	100.0	99.7	96.3	85.5	72.3	53.9	33.2	16.9	5.2	60.9	10397
12-14	100.0	97.5	84.8	66.0	45.3	26.5	14.9	8.0	2.0	49.0	10382
15-17	100.0	95.6	79.9	60.6	40.7	24.8	15.2	8.2	2.3	47.2	8950
18-20	100.0	99.4	93.6	83.7	69.9	52.8	34.6	17.5	5.4	60.2	7513
21-23	100.0	99.9	98.3	93.3	85.1	72.8	54.5	29.8	9.4	68.8	5785
ALL HOURS	100.0	98.5	91.2	79.5	65.1	49.4	34.3	19.7	6.6	58.9	46558





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	1019.9	1019.4	1015.0	1015.9	1016.7	1016.8	1017.6	1017.6	1018.7	1019.9	1020.5	1021.1	1018.0
	SD	7.469	7.655	8.199	6.516	4.414	3.951	3.162	3.395	4.520	5.042	5.650	6.437	5.319
	TOT OBS	106	101	112	180	295	300	290	307	285	263	83	83	2425
1000	MEAN	1021.3	1020.6	1018.6	1016.7	1017.1	1017.1	1018.1	1018.2	1019.4	1020.9	1021.4	1023.2	1019.3
	SD	7.697	7.949	8.315	6.531	4.544	4.057	3.173	3.474	4.523	5.212	6.421	6.632	6.270
	TOT OBS	288	258	306	300	295	300	291	307	285	293	273	250	3466
1300	MEAN	1019.3	1019.0	1017.0	1015.2	1015.8	1015.0	1017.1	1017.1	1018.1	1019.2	1019.5	1021.0	1017.8
	SD	7.798	7.622	8.130	6.471	4.485	4.048	3.179	3.483	4.416	5.213	6.274	6.653	6.127
	TOT OBS	287	266	306	300	294	300	290	307	285	293	273	259	3460
1600	MEAN	1018.3	1017.4	1015.4	1013.6	1014.1	1014.7	1015.7	1015.8	1016.4	1018.2	1018.5	1020.1	1016.6
	SD	7.563	7.725	7.809	6.329	4.566	3.980	3.341	3.431	4.327	5.134	6.392	6.472	6.262
	TOT OBS	285	266	305	276	215	216	215	223	213	229	273	255	2971
1900	MEAN	1019.7	1018.2	1015.0	1013.8	1014.5	1014.8	1016.0	1016.1	1016.8	1018.9	1019.3	1020.5	1017.0
	SD	7.363	7.376	7.995	6.201	4.341	3.776	3.122	3.283	4.266	5.075	6.229	6.238	5.020
	TOT OBS	206	196	219	216	212	213	212	219	208	218	195	190	2504
2200	MEAN	1020.4	1019.6	1017.6	1015.2	1015.8	1016.2	1017.2	1017.5	1017.9	1019.7	1019.7	1020.8	1018.1
	SD	7.331	7.358	7.850	6.314	4.181	3.812	3.080	3.150	4.339	5.104	5.967	6.275	5.696
	TOT OBS	188	177	204	197	192	195	192	196	190	215	172	168	2386
ALL HOURS	MEAN	1019.8	1019.0	1016.8	1015.1	1015.8	1015.1	1017.0	1017.1	1018.0	1019.5	1019.8	1021.2	1017.3
	SD	7.664	7.780	8.133	6.501	4.566	4.054	3.275	3.483	4.538	5.211	6.247	6.534	6.095
	TOT OBS	1360	124	1452	1469	1503	1524	1490	1559	1466	1511	1269	1215	17092

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
0100	MEAN	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20	.20
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.20	.20	.20	.20	.22	.20	.20	.20	.20	.20	.20	.20	.20
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	30.11	30.10	30.00	30.00	30.03	30.03	30.06	30.06	30.09	30.12	30.14	30.15	30.07
	SD	.220	.237	.242	.192	.132	.116	.093	.100	.132	.147	.155	.156	.155
	TOT OBS	106	101	112	180	295	300	290	307	285	263	83	83	2425
1000	MEAN	30.16	30.14	30.08	30.03	30.04	30.04	30.07	30.08	30.11	30.15	30.16	30.21	30.10
	SD	.231	.233	.245	.193	.134	.119	.093	.102	.132	.153	.168	.192	.163
	TOT OBS	288	268	306	300	295	300	291	307	285	293	273	260	3466
1300	MEAN	30.10	30.09	30.03	29.98	30.00	30.01	30.04	30.04	30.07	30.10	30.11	30.15	30.06
	SD	.229	.219	.239	.191	.132	.119	.094	.102	.129	.152	.167	.195	.179
	TOT OBS	287	266	305	300	294	300	290	307	285	293	273	259	3460
1600	MEAN	30.07	30.04	29.98	29.94	29.95	29.97	30.02	30.01	30.02	30.07	30.08	30.12	30.02
	SD	.222	.227	.230	.187	.125	.117	.096	.101	.127	.152	.175	.199	.153
	TOT OBS	285	266	305	276	215	216	215	223	213	229	273	255	2971
1900	MEAN	30.11	30.07	30.00	29.94	29.96	29.98	30.01	30.01	30.03	30.09	30.10	30.14	30.04
	SD	.216	.216	.236	.183	.128	.112	.092	.096	.125	.149	.176	.195	.175
	TOT OBS	206	196	219	216	212	213	212	219	200	210	195	192	2504
2200	MEAN	30.13	30.11	30.05	29.98	30.00	30.02	30.05	30.05	30.07	30.10	30.11	30.14	30.07
	SD	.215	.215	.231	.186	.121	.112	.090	.092	.129	.149	.175	.184	.172
	TOT OBS	188	177	204	197	192	195	192	196	190	215	172	166	2286
ALL HOURS	MEAN	30.11	30.09	30.03	29.98	30.00	30.01	30.04	30.05	30.07	30.11	30.11	30.15	30.06
	SD	.225	.228	.240	.192	.134	.119	.096	.102	.132	.153	.163	.192	.178
	TOT OBS	1360	1274	1452	1469	1503	1524	1490	1559	1466	1511	1269	1215	17092

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
(LST)														
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	29.82	29.82	29.73	29.72	29.75	29.76	29.78	29.78	29.81	29.84	29.85	29.85	29.79
	SD	.225	.226	.236	.186	.131	.115	.093	.099	.131	.150	.172	.190	.155
	TOT OBS	105	102	109	198	291	298	294	305	287	249	82	85	2405
1000	MEAN	29.88	29.86	29.80	29.75	29.76	29.75	29.79	29.80	29.83	29.87	29.88	29.93	29.82
	SD	.231	.232	.244	.192	.133	.119	.093	.102	.132	.152	.168	.193	.183
	TOT OBS	288	268	306	300	295	300	291	307	285	293	273	260	3466
1300	MEAN	29.82	29.81	29.75	29.70	29.72	29.73	29.75	29.76	29.79	29.82	29.83	29.87	29.78
	SD	.228	.229	.238	.190	.132	.119	.094	.102	.129	.152	.187	.195	.179
	TOT OBS	287	266	306	300	294	300	292	307	285	293	273	259	3460
1600	MEAN	29.79	29.75	29.70	29.65	29.67	29.69	29.72	29.73	29.74	29.79	29.80	29.84	29.74
	SD	.221	.226	.229	.186	.135	.117	.096	.101	.127	.150	.178	.169	.183
	TOT OBS	285	266	305	376	215	216	215	223	213	229	273	255	2971
1900	MEAN	29.83	29.79	29.72	29.66	29.68	29.70	29.73	29.73	29.75	29.81	29.82	29.86	29.76
	SD	.216	.215	.235	.183	.128	.112	.092	.096	.125	.146	.175	.185	.176
	TOT OBS	206	196	219	216	212	213	212	219	208	218	195	190	2504
2200	MEAN	29.85	29.83	29.77	29.72	29.72	29.74	29.77	29.77	29.79	29.84	29.83	29.85	29.79
	SD	.215	.215	.230	.186	.121	.112	.090	.092	.128	.149	.174	.184	.172
	TOT OBS	188	177	204	197	192	195	192	196	190	215	172	168	2286
ALL HOURS	MEAN	29.83	29.81	29.75	29.70	29.72	29.73	29.76	29.77	29.79	29.83	29.84	29.87	29.78
	SD	.225	.227	.238	.191	.134	.119	.097	.102	.133	.152	.183	.193	.178
	TOT OBS	1359	1275	1449	1487	1499	1522	1494	1557	1468	1497	1268	1217	17092

pppppppp	AAAAAA	RRRRRRRR	TTTTTTTT	GGGGGG
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTT	GGGGGGGG
pp pp	AA AA	RR RR	TT	GG GG
pp pp	AA AA	RR RR	TT	GG
pppppppp	AA AA	RRRRRRRR	TT	GG
pppppppp	AAAAAAAA	RRRRRRRR	TT	GG GGG
pp	AAAAAAAAA	RR RR	TT	GG GGGG
pp	AA AA	RR RR	TT	GG GG
pp	AA AA	RR RR	TT	GGGGGGGG
pp	AA AA	RR RR	TT	GGGGGG

PART 6

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				2000 - 2200			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				395				865
CATEGORY B				0				2	.3	.3		395	.7	.3		865

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				861				778				619				581
CATEGORY B	1.2			861	1.0			778	.3			619	.5			581

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3518				4099
CATEGORY B	.8	.1		3518	.7	.1		4099



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 722105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 75 - DEC 86  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				368				804
CATEGORY B				0				0	1.1	.3		368	.6	.1		804

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				800				731				568				547
CATEGORY B	1.6	.3		800	.8			731	.2			588				547

TIME (LST)	0500 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3291				3838
CATEGORY B	.9	.1		3291	.8	.1		3635

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 75 - DEC 82  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (FOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				419				918
CATEGORY B				0				0	.5			419		.7		918

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				918				832				657				624
CATEGORY B	1.5	.2		918	1.5	.1		832	.8	.3	.2	657	.3	.2		624

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3744				4368
CATEGORY B	1.1	.1	.0	3744	1.0	.1	.0	4368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723125

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0200 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				500				900
CATEGORY B				0				0				500		1.2		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				793				549				547
CATEGORY B	2.0	.3		900	1.4	.3		793	.2			649				547

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3742				4299
CATEGORY B	1.1	.1		3742	1.0	.1		4289

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (FOURLIES + SPECIALS)

TIME (LST)	0200 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				599		.1		885
CATEGORY B				0				0				599		.5	.1	.1 885

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				882				722				536				334
CATEGORY B	.9			882	.3			722				536				384

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.0			3824	.0			4208
CATEGORY B	.4	.0	.0	3824	.3	.0	.0	4208

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADINGS: 139-319

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				711				900
CATEGORY B				0				0	.1	.1		711				900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				729				571				391
CATEGORY B	.2			900	.7	.1		729	.2			641				391

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3881				4272
CATEGORY B	.	.1		3881	.2	.0		4272

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 85  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				694				873
CATEGORY B				0				0				694	.1			873

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				870				717				536				385
CATEGORY B				870	.1			717	.2			536				385

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3790				4175
CATEGORY B	.1			3790	.1			4175

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 68  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				731				921
CATEGORY B				0				0				731				921

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				921				750				658				395
CATEGORY B				921	.1	.1		750	.2			658				395

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3981				4376
CATEGORY B	.1	.0		3981	.0	.0		4376

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				585				855
CATEGORY B				0				0				585	.1			855

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				855				709				625				384
CATEGORY B	.2			855	.4	.1		709	.3	.3		625	.5	.3	.3	384

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3730				4114
CATEGORY B	.2	.1		3730	.2	.1	.0	4114



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADINGS: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 88  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				635				879
CATEGORY B				0				2				635	.1			879

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				879				738				630				487
CATEGORY B	.1			879				738	.3			650	.2			487

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3781				4268
CATEGORY B	.1			3781	.1			4268

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 86  
MONTH: NOV

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CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0200 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				354				318
CATEGORY B				0				0				354	.5	.2		818

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TIME (LST)	1200 - 1400				1500 - 1700				1900 - 2100				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				819				744				583				536
CATEGORY B	.7	.2		819	.1			744				583				536

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3318				3854
CATEGORY B	.3	.1		3318	.3	.1		3854

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 80  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				343				780
CATEGORY B				0				0	.3			343				780

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				777				708				571				524
CATEGORY B	.8			777	.3			708				571				524

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				3179				3703
CATEGORY B	.3			3179	.2			3723

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 139-319

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 79 - DEC 82  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				0				0				6535	.0			10398
CATEGORY B				0				0	.1	.0		6535	.4	.1	.0	10398

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				10382				8951				7513				5785
CATEGORY B	.8	.1		10382	.6	.1		8951	.2	.1	.0	7513	.1	.0	.0	5785

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.8			43779	.8			49564
CATEGORY B	.4	.1	.0	43779	.4	.1	.0	49564

pppppppp	AAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
pppppppp	AAAAAAA	RRRRRRRR	TTTTTTTT	HH	HH
pp pp	AA AA	RR RR	TT	HH	HH
pp pp	AA AA	RR RR	TT	HH	HH
pppppppp	AA AA	RRRRRRRR	TT	HHHHHHHH	
pppppppp	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	
pp	AAAAAAAA	RR RR	TT	HH	HH
pp	AA AA	RR RR	TT	HH	HH
pp	AA AA	RR RR	TT	HH	HH
pp	AA AA	RR RR	TT	HH	HH

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1992 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723105 STATION NAME: MCENTIRE ANGB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 63 - DEC 74

YEARS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1963	1	695	617	181	****	****	****	****		12	46	****	759	2310
1964	1	608	581	287	96	16				2	153	164	414	2321
1965	1	529	465	428	104		1			1	141	308	548	2525
1966	1	758	514	408	146	30	3			2	127	362	552	2902
1967	1	448	586	257	73	52	9			29	145	431	431	2451
1968	1	763	695	323	105	23					112	350	630	3051
1969	1	682	588	484	100	15		****		5	99	429	657	3059
1970	1	825	534	320	106	16				****	****	356	479	2646
1973	1	623	560	204	159	35		****	****		71	236	516	2404
1974	1	250	441	212	129	16				19	164	337	525	2093
MEAN	1	618	558	310	113	22	1			7	117	332	556	
SD	1	171.67	74.02	102.68	26.72	14.68	3.00			10.22	39.48	786.67	111.12	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723105

STATION NAME: MCENTIRE ANSB SC  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 63 - DEC 74

YEARS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1963	1			37	****	****	****	****	540	255	80	****		912
1964	1			20	93	264	462	415	431	303	41	24	7	2262
1965	1		8	2	60	309	265	405	434	274	65			1842
1966	1	1		3	53	147	245	453	370	206	54	8	5	1562
1967	1			37	95	161	284	402	351	118	27		2	1483
1968	1			16	60	127	351	446	483	264	99			1856
1969	1			1	49	166	425	****	353	223	91	1		1309
1970	1	2		7	112	217	386	548	482	****	****		5	1759
1973	1			31	33	152	359	****	****	356	96	14	2	1045
1974	1	11	2	34	58	216	289	398	411	237	24	14		1694
MEAN	1	1	1	18	70	196	340	438	428	248	65	6	2	
SD	1	3.44	2.54	15.05	25.52	59.34	75.07	53.02	64.94	66.63	28.98	78.80	2.23	



AWS	STATION NAME: MCENTIRE ANSB SC	FIELD ELEV: 252 FT
	LATITUDE/LONGITUDE: 33 55 N 020 48 W	STATION MSC: 723105
CLIMATIC BRIEF (LIMITED)	HOURLY OBS POR: JAN 79 - DEC 88	CALL SIGN: KMMT
	SUMMARY OF DAY POR: OCT 62 - DEC 74 (FULL TIME), JAN 75 - DEC 88 (PART TIME)	
	HOURS SUMMARIZED: 00 - 23 LST (FEB 59 - DEC 74), 06 - 23 LST (JAN 75 - DEC 88)	SUPERCEDES: APR 82
OCT 89	LST TO UTC: +05	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	84	81	89	94	95	102	106	105	98	97	84	81	106	47
MEAN MAX TEMP (F)	53.1	56.6	66.1	74.4	82.6	86.4	89.1	87.8	82.8	74.4	55.9	57.4	72.9	26
MEAN TEMP (F)	44.0	46.8	55.6	63.6	70.7	77.2	80.5	79.3	74.1	63.9	55.4	47.7	63.3	26
MEAN MIN TEMP (F)	34.4	36.5	45.0	52.8	60.4	67.5	71.4	70.4	64.8	52.9	44.4	37.5	53.2	26
@ EXTRM MIN TEMP (F)	3	12	13	29	39	49	57	53	37	28	19	8	3	47
D/W TEMP GE 100 (F)	0	0	0	0	0	1	1	1	0	0	0	0	3	26
@ D/W TEMP GE 90 (F)	0	0	#	1	4	12	16	14	6	1	0	0	54	47
D/W TEMP LT 33 (F)	14	10	3	1	0	0	0	0	0	1	4	11	44	26
D/W TEMP LT 20 (F)	2	1	#	0	0	0	0	0	0	0	#	1	4	26
@ HEATING DEGREE DAYS	588	451	304	98	13	#		#	6	89	285	527	235	47
@ COOLING DEGREE DAYS	2	3	22	90	245	410	498	467	305	91	18	4	2155	47
MEAN DEWPOINT TEMP (F)	27.6	32.4	39.4	45.1	56.3	64.2	68.6	68.1	62.3	51.0	43.2	34.3	49.8	10
MEAN WET BULB TEMP (F)	38.1	42.6	49.2	55.2	63.3	69.7	73.2	72.5	67.4	57.9	51.3	43.4	57.3	10
99.95% WCPA (FT)	750	800	900	800	600	550	450	450	550	550	650	650	700	10
MEAN REL HUM 07 LST(%)	69.2	70.8	73.1	71.3	76.2	79.2	81.3	83.3	81.7	79.0	76.1	73.2	77.5	10
MEAN REL HUM 13 LST(%)	46.9	47.5	45.4	42.6	47.5	51.5	53.4	54.8	53.7	48.5	48.6	47.3	49.2	10
@ MAX 24HR PRECIP (IN)	2.84	2.76	4.32	3.31	4.90	4.20	3.97	4.91	4.74	3.71	3.10	2.51	4.91	47
MAX PRECIP (IN)	8.74	8.58	11.51	6.71	10.50	12.00	12.50	13.21	8.60	8.28	6.10	7.36	66.36	26
MEAN PRECIP (IN)	4.50	3.96	4.76	3.17	3.89	5.09	5.54	5.13	3.58	2.49	2.89	3.99	50.76	26
MIN PRECIP (IN)	.80	1.03	.64	.43	.73	1.51	.33	1.99	.27	.01	.30	.60	37.02	26
D/W PRECIP GE .01 (IN)	11	10	10	8	11	10	12	11	8	6	7	9	113	26
D/W PRECIP GT .50 (IN)	3	3	3	2	3	3	4	2	2	2	2	3	33	26
MAX 24HR SNFL (IN)	2.3	10.6	4.0	0	0	0	0	0	0	0	#	1.7	10.6	26
MAX SNFL (IN)	2.6	15.0	4.0	0	0	0	0	0	0	0	#	1.9	16.9	26
MEAN SNFL (IN)	.3	1.2	.4	0	0	0	0	0	0	0	#	.1	2.2	26
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	3	26
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	#	2	26
MAX DLY SNO DEPTH (IN)	3	12	3	0	0	0	0	0	0	0	0	#	12	26
MEAN SFC WND DIR (DEG)	\$270	\$270	\$270	\$270	\$240	\$240	\$240	\$060	\$050	\$030	\$060	\$240	\$240	10
MEAN WND SPD (KTS)	4.6	5.0	5.6	5.7	4.9	4.4	3.9	3.7	3.6	3.9	4.2	4.1	4.5	10
MAX WND SPD (KTS)	39	42	58	43	45	41	55	42	39	32	39	39	58	7
SKY COVER GT 1/2 (%)	54.0	62.4	54.0	47.1	52.0	51.9	56.0	50.6	49.0	45.1	51.0	51.9	52.4	10
D/W THUNDERSTORMS	1	1	2	3	6	8	12	9	4	1	1	1	49	26
@ D/W FOG (VSBY LT 7 MI)	14	12	14	12	16	17	18	21	20	16	14	13	187	47

LEGEND: ANN = ANNUAL	POR/YOR = PERIOD/YEARS OF RECORD
D/W = MEAN NUMBER OF DAYS WITH	WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
& = BASED ON LESS THAN FULL MONTHS	# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
** = INSTANTANEOUS PEAK WINDS	% = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN
* = DATA NOT AVAILABLE	WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY																
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR		
LST																
00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	06 - 08	27.1	28.3	22.7	17.6	21.9	25.0	31.6	36.8	32.4	27.2	27.7	26.2	27.0	10	
LT 3000 FT	09 - 11	25.1	25.5	17.6	13.4	15.5	14.8	13.2	17.2	22.6	21.5	24.6	19.5	19.2	10	
AND/OR	12 - 14	21.0	20.5	12.5	8.8	7.1	6.0	6.7	6.5	14.0	13.0	18.8	17.6	12.7	10	
VSBY	15 - 17	18.9	16.1	11.1	5.2	2.5	3.7	4.5	4.4	8.9	10.2	12.5	13.8	9.4	10	
LT 3 MI	18 - 20	15.7	15.5	11.7	6.9	5.2	4.7	5.5	5.3	8.5	8.8	11.2	12.4	9.3	10	
	21 - 23	16.4	19.7	12.1	8.0	6.2	7.9	5.5	7.1	8.3	9.9	13.1	11.8	10.3	10	
	ALL	20.6	20.6	12.8	9.9	10.2	10.6	11.5	12.3	16.6	15.4	17.7	16.5	14.6	10	

00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	06 - 08	22.8	25.0	16.6	13.6	18.6	21.2	30.0	35.0	30.3	24.3	24.3	22.7	23.9	10	
LT 1500 FT	09 - 11	20.6	21.4	13.4	8.1	8.0	7.9	9.9	11.6	17.5	17.2	20.2	15.8	14.3	10	
AND/OR	12 - 14	16.0	15.1	8.4	4.6	2.8	1.9	3.0	2.9	7.4	8.6	11.5	10.6	7.7	10	
VSBY	15 - 17	12.1	12.4	6.9	3.0	1.7	2.5	2.6	2.5	5.2	5.5	8.6	9.5	6.1	10	
LT 3 MI	18 - 20	10.0	12.2	7.9	4.0	3.6	3.6	3.6	3.6	5.0	6.9	9.6	8.1	6.5	10	
	21 - 23	11.5	16.1	6.2	6.6	5.2	5.1	3.4	3.8	6.2	7.4	10.3	8.2	7.5	10	
	ALL	15.3	16.6	9.8	6.2	6.7	7.0	9.0	10.2	12.5	11.9	12.5	11.9	10.8	10	

00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	06 - 08	17.5	19.3	12.8	8.2	13.4	13.1	16.3	19.6	20.6	16.1	19.8	17.5	16.4	10	
LT 1000 FT	09 - 11	15.4	15.9	9.8	4.7	3.7	3.1	5.4	5.3	11.3	11.7	15.2	11.0	9.4	10	
AND/OR	12 - 14	11.3	11.2	5.4	3.1	1.7	1.0	1.7	1.1	3.2	5.2	8.9	8.0	5.1	10	
VSBY	15 - 17	9.0	9.8	3.7	1.6	1.5	1.0	1.4	1.3	3.0	4.5	6.7	5.9	4.1	10	
LT 2 MI	18 - 20	7.9	8.5	4.7	2.2	1.7	1.7	1.7	1.8	3.5	4.6	7.4	5.8	4.2	10	
	21 - 23	10.8	13.5	4.8	4.2	2.9	2.6	2.1	2.3	4.4	6.0	8.6	7.3	5.8	10	
	ALL	11.7	12.6	6.6	3.8	4.2	3.7	4.7	5.2	7.9	8.2	10.5	8.7	7.2	10	

00 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CIG	06 - 08	4.6	6.8	2.9	1.4	1.7	.8	1.7	3.3	2.6	3.2	5.4	5.2	3.3	10	
LT 200 FT	09 - 11	1.7	2.0	.3	.1	.0	.0	.0	.0	.0	.5	1.6	1.8	.7	10	
AND/OR	12 - 14	.7	.6	.0	.0	.0	.1	.1	.0	.0	.0	.0	.6	.2	10	
VSBY	15 - 17	.1	.4	.0	.1	.0	.1	.1	.0	.0	.0	.3	.4	.1	10	
LT 1/2 MI	18 - 20	.8	1.0	.3	.0	.0	.0	.0	.0	.0	.2	.5	.5	.3	10	
	21 - 23	2.2	2.6	.6	.2	.3	.0	.0	.3	.0	.2	.9	1.0	.7	10	
	ALL	1.4	1.8	.5	.2	.3	.2	.3	.6	.4	.6	1.1	1.3	.7	10	

# HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/1	0/2	2/3	2/5	1/5	0/5	0/1	5/22
120NM	0/1	0/7	3/6	5/12	4/12	1/8	0/1	13/47
240NM	0/3	2/15	6/10	14/23	13/27	7/19	2/2	44/99

REMARKS: @ DATA WERE SUPPLEMENTED WITH AWS CLIMATIC BRIEF FROM SHAW AFB SC (OCT 89).